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1. Range.Offset 속성 이해하기

VBA 에서의 Range(범위)개체 Offset 속성은 또 다른 Range(범위) 개체를 출력하는 속성입니다. 선택된 Range 를 기준으로 입력한 숫자만큼 아래로 몇 칸 / 오른쪽으로 몇 칸을 이동한 셀을 결과값으로 반환합니다.

Range.Offset(상하이동, 좌우이동)

```
Sub Offset_Test()

Dim Rng As Range

'// A1 셀을 Rng 로 할당합니다.

Set Rng = Range("A1")

'// A1 셀에서 밑으로 1 칸, 우측으로 2 칸을 이동한 셀(C2)을 선택합니다.

Rng.Offset(1, 2).Select

End Sub

[링크] 마이크로소프트 Range.Offset 속성 설명 바로가기

https://docs.microsoft.com/en-us/office/vba/api/excel.range.offset
```

2. Range.Resize 함수 이해하기

VBA Range(범위)개체의 Resize 속성은 워크시트에서 사용하는 OFFSET 함수의 선택인수 (3 번째, 4 번째 인수)와 같은 동작을 합니다. 기준셀에서 입력한 숫자만큼 위아래로 몇 칸, 좌우로 몇 칸 넓힌 범위를 결과값으로 반환합니다. 각 인수는 반드시 1 보다 크거나 같아야 합니다. (0 이나 음수를 입력하면 오류메세지를 출력합니다.)

Range.Resize(상하확장, 좌우확장)

```
Sub Resize_Test()

Dim Rng As Range

'// A1 셀을 Rng 로 할당합니다.

Set Rng = Range("A1")

'// A1 셀을 선택합니다.

Rng.Select

'// A1 셀에서 아래로 5 칸, 우측으로 5 칸 넓힌 범위를 선택합니다.

'// (A1:E5)

Rng.Resize(5, 5).Select

End Sub

[링크] 마이크로소프트 Range.Offset 속성 설명 바로가기

https://docs.microsoft.com/en-us/office/vba/api/excel.range.resize
```



3. Range.Interior.Color 속성 이해하기

Range(범위) 개체의 Interior.Color 는 선택된 범위의 배경색을 칠하는 속성입니다. 배경색을 지정하기 위해 VB 기준색상 (vbRed, vbBlue,.. 등) 또는 RGB 를 지정하여 이용할 수 있다고 이전강의에서 설명드렸습니다. 자세한 내용은 이전 강의를 참고하세요.

Range.Interior.Color = ColorIndex

```
Sub BG_Red()

Dim WS As Worksheet

Dim Rng As Range

'// WS 와 Rng 를 각각 Sheet1과 Sheet1에 사용자지정범위로 등록된 "하트"로 할당합니다.

Set WS = ThisWorkbook.Worksheets("Sheet1")

Set Rng = WS.Range("하트")

'// "하트"의 배경색을 RGB(0,255,0)으로 칠합니다.

Rng.Interior.Color = RGB(0, 255, 0)
```

End Sub

[링크] 마이크로소프트 Range.Interior.Color 속성 설명 바로가기

https://docs.microsoft.com/en-us/office/vba/api/excel.interior.color

4. 기준셀에서 이동/확장 된 범위의 배경색을 입히는 명령문 작성

마리오그림을 그리기 위해서는 5 개의 색상(빨강색, 검정색, 파랑색, 갈색, 살색)이 필요합니다. 각각의 기준셀로부터 이동하고/확장된 범위를 원하는 색상으로 편하게 칠하기 위하여 아래와 같이 5 개의 보조명령문(Sub-Procedure)를 작성합니다.



오빠두 엑셀 E-Book [VBA 3-3] – 범위 이동 & 확장선택 및 그림 그리기 http://www.oppadu.com

```
Sub FillSkin (Rng As Range, row As Long, col As Long, Optional ExtRow As Long =
1, Optional ExtCol As Long = 1)
On Error Resume Next
Rng.Offset (row, col).Resize (ExtRow, ExtCol).Interior.Color = RGB (255, 230, 153)
End Sub
Sub FillBrown (Rng As Range, row As Long, col As Long, Optional ExtRow As Long =
1, Optional ExtCol As Long = 1)
On Error Resume Next
Rng.Offset (row, col).Resize (ExtRow, ExtCol).Interior.Color = RGB (198, 89, 17)
End Sub
Sub FillBlue (Rng As Range, row As Long, col As Long, Optional ExtRow As Long =
1, Optional ExtCol As Long = 1)
On Error Resume Next
Rng.Offset(row, col).Resize(ExtRow, ExtCol).Interior.Color = vbBlue
End Sub
```

5. 기준셀에서 마리오 그림을 그리는 명령문 작성

각각의 색깔로 배경색을 칠하는 5 개의 보조명령문을 작성하였으면, 지정한 기준셀에서 마리오그림을 그리는 아래의 4 개의 명령문을 작성합니다. (Mario_RW 는 RightWalking, Mario_RJ 는 RightJump 를 의미합니다.)

```
****
'오른쪽 걷는 마리오
****
Sub Mario RW (Rng As Range)
Dim Mario As Range
Rng.Activate
FillRed Rng, 0, 4, , 4
FillRed Rng, 1, 3, , 8
FillRed Rng, 9, 0
FillRed Rng, 8, 1, 2
FillRed Rng, 7, 2, 4
FillRed Rng, 7, 3, 2
FillRed Rng, 7, 5, 2
FillRed Rng, 7, 6, 2
FillRed Rng, 7, 8, 2
FillRed Rng, 8, 9, 3
```



FillRed Rng, 8, 10, 2 FillRed Rng, 9, 11 FillRed Rng, 15, 0 FillRed Rng, 14, 1, 2 FillRed Rng, 14, 2, 2 FillRed Rng, 14, 3, 2 FillRed Rng, 14, 8, 2 FillRed Rng, 14, 9, 2 FillRed Rng, 14, 10, 2 FillRed Rng, 14, 11, 2 FillBlack Rng, 2, 7, 2 FillBrown Rng, 2, 2, , 3 FillBrown Rng, 3, 1, 3 FillBrown Rng, 3, 3, 2 FillBrown Rng, 4, 4 FillBrown Rng, 5, 7, , 3 FillBrown Rng, 4, 8 FillBrown Rng, 5, 2 FillSkin Rng, 3, 2, 2 FillSkin Rng, 5, 3, 2 FillSkin Rng, 3, 4 FillSkin Rng, 5, 4, 2 FillSkin Rng, 2, 5, 5 FillSkin Rng, 2, 6, 5 FillSkin Rng, 4, 7 FillSkin Rng, 6, 7 FillSkin Rng, 2, 8, 2 FillSkin Rng, 6, 8 FillSkin Rng, 3, 9, 2 FillSkin Rng, 4, 10 FillSkin Rng, 10, 0, 3 FillSkin Rng, 10, 1, 3 FillSkin Rng, 11, 2 FillSkin Rng, 11, 9 FillSkin Rng, 10, 10, 3 FillSkin Rng, 10, 11, 3 FillBlue Rng, 7, 4, 7 FillBlue Rng, 9, 3, 5 FillBlue Rng, 12, 2, 2 FillBlue Rng, 9, 5, 4 FillBlue Rng, 9, 6, 4 FillBlue Rng, 7, 7, 7 FillBlue Rng, 9, 8, 5 FillBlue Rng, 12, 9, 2 End Sub '오른쪽 점프하는 마리오 Sub Mario RJ(Rng As Range) Dim Mario As Range Rng.Activate



FillRed Rng,	0, 6, , 4
FillRed Rng,	1, 5, , 8
FillRed Rng.	2 12 4
FillRed Rng	3 12 4
TillRed Rig,	3, 12, 7
FILIRed Rng,	4, 13, , 3
FillRed Rng,	5, 12, , 3
FillRed Rng,	6, 12, , 2
FillRed Rng,	7, 11, , 2
FillRed Rng.	7 7 3
FillPod Pro	
Tiliked Kily,	0, 0, , 3
FillRed Rng,	1, 1, , 5
FillRed Rng,	8,0,,6
FillRed Rng,	9, 1, , 6
FillRed Rng,	10, 5
FillRed Rng.	11 2 5
FillRed Rng	12 1 4
TillRed Rig,	12, 1, 3
FillRed Rng,	13, 0, 3
FillRed Rng,	12, 3
FillRed Rng,	10, 13, 3
FillRed Rng,	8, 14, 5
FillRed Rng.	8 15 5
FillPod Pro	8 6
riiikeu kiig,	0, 0
FillSkin Rng,	, 3, 4, 2
FillSkin Rng,	, 5, 5, 2
FillSkin Rng,	5, 6, 2
FillSkin Rng.	3 6
FillSkin Png	275
FILISKIN KNY,	, 2, 7, 5
FillSkin Rng,	, 2, 8, 5
FillSkin Rng,	, 4, 9
FillSkin Rng,	693
	, , , , , ,
FillSkin Rng	, 2, 10, 2
FillSkin Rng,	, 2, 10, 2
FillSkin Rng, FillSkin Rng,	, 2, 10, 2 , 3, 11, 2
FillSkin Rng, FillSkin Rng, FillSkin Rng,	, 2, 10, 2 , 3, 11, 2 , 4, 12
FillSkin Rng, FillSkin Rng, FillSkin Rng,	, 2, 10, 2 , 3, 11, 2 , 4, 12 , 0, 12, , 4
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng,	, 2, 10, 2 , 3, 11, 2 , 4, 12 , 0, 12, , 4 , 1, 13, , 3
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng,	, 2, 10, 2 , 3, 11, 2 , 4, 12 , 0, 12, , 4 , 1, 13, , 3 , 9, 0, 3
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng,	, 2, 10, 2 , 3, 11, 2 , 4, 12 , 0, 12, , 4 , 1, 13, , 3 , 9, 0, 3 , 10, 1, 2
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng,	, 2, 10, 2 , 3, 11, 2 , 4, 12 , 0, 12, , 4 , 1, 13, , 3 , 9, 0, 3 , 10, 1, 2
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng,	, 2, 10, 2 , 3, 11, 2 , 4, 12 , 0, 12, , 4 , 1, 13, , 3 , 9, 0, 3 , 10, 1, 2 , 10, 2
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng,	, 2, 10, 2 , 3, 11, 2 , 4, 12 , 0, 12, , 4 , 1, 13, , 3 , 9, 0, 3 , 10, 1, 2 , 10, 2
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng,	<pre>, 2, 10, 2 , 3, 11, 2 , 4, 12 , 0, 12, , 4 , 1, 13, , 3 , 9, 0, 3 , 10, 1, 2 , 10, 2 g, 3, 3, 3</pre>
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng	2, 10, 2 3, 11, 2 4, 12 0, 12, , 4 1, 13, , 3 9, 0, 3 10, 1, 2 10, 2 3, 3, 3 3, 2, 4, , 3
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng	2, 10, 2 3, 11, 2 4, 12 0, 12, , 4 1, 13, , 3 9, 0, 3 10, 1, 2 10, 2 3, 3, 3 9, 2, 4, , 3 9, 3, 5, 2
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 9 3 3 9 2 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 9 3 3 9 2 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 4
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 10 2 3 3 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 3 9 3 5 9 4 6 9 5 4
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng	2, 10, 2 3, 11, 2 4, 12 0, 12, 4 1, 13, 3 9, 0, 3 10, 1, 2 10, 2 3, 3, 3 9, 2, 4, 3 3, 3, 5, 2 9, 4, 6 9, 5, 4 9, 2, 11
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng	2, 10, 2 3, 11, 2 4, 12 0, 12, , 4 1, 13, , 3 9, 0, 3 10, 1, 2 10, 2 3, 3, 3 9, 2, 4, , 3 9, 3, 5, 2 9, 4, 6 9, 5, 4 9, 2, 11 9, 4, 10
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng	2, 10, 2 3, 11, 2 4, 12 0, 12, , 4 1, 13, , 3 9, 0, 3 10, 1, 2 10, 2 3, 3, 3 9, 2, 4, , 3 9, 3, 5, 2 9, 4, 6 9, 5, 4 9, 2, 11 9, 4, 10 9, 5, 9, , 3
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng,	2, 10, 2 3, 11, 2 4, 12 0, 12, , 4 1, 13, , 3 9, 0, 3 10, 1, 2 10, 2 9, 3, 3, 3 9, 2, 4, , 3 9, 3, 5, 2 9, 4, 6 9, 5, 4 9, 5, 9, , 3
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng	2, 10, 2 3, 11, 2 4, 12 0, 12, , 4 1, 13, , 3 9, 0, 3 10, 1, 2 10, 2 3, 3, 3 9, 2, 4, , 3 9, 3, 5, 2 9, 4, 6 9, 5, 4 9, 5, 9, , 3 7, 6
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng,	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 10 2 3 3 3 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 3 3 9 3 5 9 4 6 9 5 4 9 5 9 9 5 9 9 3 2
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng,	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 10 2 3 3 3 3 9 2 4 10 2 9 3 5 9 3 5 9 4 6 9 5 4 9 5 9 9 5 9 3 7 6 10 3 2
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBlue Rng,	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 10 2 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 3 5 9 3 5 9 4 6 9 5 9 3 7 6 10 3 2 13 3 3 3 3
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBlue Rng, FillBlue Rng,	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 10 2 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 3 5 9 3 5 9 4 6 9 5 9 3 7 6 10 3 2 13 3 3 10 4 10 4 6 10 10
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng,	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 10 2 4 3 3 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 0 3 9 3 5 9 3 5 9 4 6 9 5 9 3 7 6 10 3 2 13 3 3 10 4 6 11 5 5 5 5 5
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng,	2, 10, 2 3, 11, 2 4, 12 0, 12, , 4 1, 13, , 3 9, 0, 3 10, 1, 2 10, 1, 2 10, 2 9, 3, 3, 3 9, 2, 4, , 3 9, 5, 4 9, 5, 4 9, 5, 9, , 3 7, 6 10, 3, 2 13, 3, 3 10, 4, 6 11, 5, 5 10, 6, 5
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng, FillBrown Rng, FillBrown Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng,	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 10 1 2 9 0 3 10 1 2 9 3 3 9 2 4 13 3 3 9 5 4 9 5 4 9 5 9 9 5 9 3 7 6 10 3 9 7 6 11 9 3 3 3 10 3 2 13 11 5 5 10 6 11 5 5 10 6 11 5 5 10 6
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng,	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 10 1 2 9 0 3 9 0 3 10 1 2 9 3 3 9 3 3 9 3 5 9 4 6 9 5 4 9 5 9 9 5 9 3 7 6 10 3 2 13 3 3 10 4 6 11 5 5 10 6 5 8 7 7 9 8 6
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng,	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 10 1 2 9 0 3 9 0 3 9 3 3 9 3 3 9 3 5 9 4 6 9 5 4 9 5 9 3 9 5 9 3 7 6 10 3 2 13 3 3 10 4 6 11 5 5 10 6 5 8 7 7 9 8 6
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng, FillBlue Rng,	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 11 13 3 9 0 3 10 1 2 10 2 3 10 2 3 10 2 3 13 3 3 14 10 3 15 9 3 10 3 2 11 4 10 12 13 3 10 3 2 13 3 3 10 4 6 11 5 5 10 6 5 8 7 7 9 8 6 9 9 5 10 4 6 11 5
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng, FillBlue Rng,	2, 10, 2 3, 11, 2 4, 12 0, 12, 4 1, 13, 3 9, 0, 3 10, 1, 2 10, 2 3, 3, 3 9, 0, 3 10, 1, 2 10, 2 9, 3, 3, 3 9, 2, 4, 3 9, 3, 5, 2 9, 4, 6 9, 5, 4 9, 5, 9, 3 7, 6 10, 3, 2 13, 3, 3 10, 4, 6 11, 5, 5 10, 6, 5 8, 7, 7 9, 8, 6 9, 9, 5 7, 10
FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillSkin Rng, FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng FillBrown Rng, FillBlue Rng,	2 10 2 3 11 2 4 12 4 0 12 4 1 13 3 9 0 3 10 1 2 10 1 2 10 2 3 3 9 0 3 9 0 3 10 1 2 10 2 3 3 3 3 5 2 4 6 5 4 10 3 5 9 3 7 6 10 3 10 4 6 11 5 5 10 6 5 7 7 9 8 6 9 9 5 7 10 9 9 10 5



```
FillBlue Rng, 8, 12, 5
FillBlack Rng, 2, 9, 2
End Sub
****
'왼쪽 걷는 마리오
****
Sub Mario LW (Rng As Range)
Rng.Activate
FillRed Rng, 0, 4, , 4
FillRed Rng, 1, 1, , 8
FillRed Rng, 9, 0
FillRed Rng, 8, 1, 2
FillRed Rng, 8, 2, 3
FillRed Rng, 7, 3, 2
FillRed Rng, 7, 5, 2
FillRed Rng, 7, 6, 2
FillRed Rng, 7, 8, 2
FillRed Rng, 7, 9, 4
FillRed Rng, 8, 10, 2
FillRed Rng, 9, 11
FillRed Rng, 14, 0, 2
FillRed Rng, 14, 1, 2
FillRed Rng, 14, 2, 2
FillRed Rng, 14, 3, 2
FillRed Rng, 14, 8, 2
FillRed Rng, 14, 9, 2
FillRed Rng, 14, 10, 2
FillRed Rng, 15, 11
FillSkin Rng, 4, 1
FillSkin Rng, 3, 2, 2
FillSkin Rng, 2, 3, 2
FillSkin Rng, 4, 4, , 3
FillSkin Rng, 3, 5, , 3
FillSkin Rng, 2, 5, , 2
FillSkin Rng, 5, 5, , 4
                     6
FillSkin Rng, 6, 3, ,
FillSkin Rng, 3, 9, 2
FillSkin Rng, 10, 0, 3
FillSkin Rng, 10, 1, 3
FillSkin Rng, 11, 2
FillSkin Rng, 11, 9
FillSkin Rng, 10, 10, 3
FillSkin Rng, 10, 11, 3
FillBlue Rng, 12, 2, 2
FillBlue Rng, 9, 3, 5
FillBlue Rng, 7, 4, 7
FillBlue Rng, 9, 5, 4
FillBlue Rng, 9, 6, 4
FillBlue Rng, 7, 7, 7
FillBlue Rng, 9, 8, 5
FillBlue Rng, 12, 9
FillBrown Rng, 5, 2, , 3
```



FillBrown Rng, 4, 3 FillBrown Rng, 2, 7, , 3 FillBrown Rng, 3, 8 FillBrown Rng, 4, 7, , 2 FillBrown Rng, 5, 9 FillBrown Rng, 3, 10, 3 FillBlack Rng, 2, 4, 2 End Sub **** '왼쪽 점프하는 마리오 **** Sub Mario LJ (Rng As Range) Rng.Activate FillRed Rng, 0, 6, , 4 FillRed Rng, 1, 3, , 8 FillRed Rng, 2, 0, , 4 FillRed Rng, 3, 0, , 4 FillRed Rng, 4, 0, , 3 FillRed Rng, 5, 1, , 3 FillRed Rng, 6, 2, , 2 FillRed Rng, 7, 3, , 2 FillRed Rng, 8, 0, 5 FillRed Rng, 8, 1, 5 FillRed Rng, 10, 2, 3 FillRed Rng, 8, 5, , 3 FillRed Rng, 7, 6, , 3 FillRed Rng, 7, 10, , 5 FillRed Rng, 8, 9, , 7 FillRed Rng, 9, 9, , 6 FillRed Rng, 10, 10 FillRed Rng, 12, 12 FillRed Rng, 11, 13, 5 FillRed Rng, 12, 14, 4 FillRed Rng, **13**, **15**, **3** FillBlue Rng, 8, 3, 5 FillBlue Rng, 8, 4, 5 FillBlue Rng, 7, 5 FillBlue Rng, 9, 5, 5 FillBlue Rng, 9, 6, 5 FillBlue Rng, 9, 7, 6 FillBlue Rng, 8, 8, 7 FillBlue Rng, 7, 9, 1 FillBlue Rng, 10, 9, 6 FillBlue Rng, 11, 10, 5 FillBlue Rng, 10, 11, 6 FillBlue Rng, 10, 12, 2 FillBlue Rng, 13, 12, 3 FillSkin Rng, 0, 0, , 4 FillSkin Rng, 1, 0, , 3 FillSkin Rng, 4, 3, , 2 FillSkin Rng, 3, 4, , 2 FillSkin Rng, 2, 5 FillSkin Rng, 2, 7, , 2



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FillSkin Rng, 3, 7, , FillSkin Rng, 4, 6, , 3 FillSkin Rng, 5, 7, , 4 FillSkin Rng, 6, 4, , 6 FillSkin Rng, 3, 11, 2 FillSkin Rng, 9, 15, 3 FillSkin Rng, 10, 14, 2 FillSkin Rng, 10, 13 FillBrown Rng, 2, 4 FillBrown Rng, 5, 4, , 3 FillBrown Rng, 4, 5 FillBrown Rng, 2, 9, , 3 FillBrown Rng, 3, 10 FillBrown Rng, 4, 9, , 2 FillBrown Rng, 3, 12, 3 FillBrown Rng, 5, 11 FillBlack Rng, 2, 6, 2 End Sub

6. 각각의 마리오 그림을 출력하는 명령문 작성

4 개의 마리오 그림을 기준셀에서 이동해서 시트위에 출력하는 명령문을 작성합니다. 명령문 작성 후 실행하면 메시지박스가 출력되면서 4 개의 마리오그림이 시트위에 각각 그려집니다.

