4

STEP E
복합반복문

for / while / do~ while

Ex1

- 2, 4, 6단을 출력하려면?

```
2 * 1 = 2
2 * 2 = 4
2 * 3 = 6
2 * 4 = 8
2 * 5 = 10
2 * 6 = 12
2 * 7 = 14
2 * 8 = 16
2 * 9 = 18
2 * 10 = 20

4 * 1 = 2
4 * 2 = 4
4 * 3 = 6
4 * 4 = 8
4 * 5 = 10
4 * 6 = 12
4 * 7 = 14
4 * 8 = 16
4 * 9 = 18
4 * 10 = 20
```

```
6 * 1 = 2
6 * 2 = 4
6 * 3 = 6
6 * 4 = 8
6 * 5 = 10
6 * 6 = 12
6 * 7 = 14
6 * 8 = 16
6 * 9 = 18
6 * 10 = 20
```

```
for(int i = 0; i < 10; i++){
   printf("2 * %d = %d\n", i+1, (i+1)*2);
}
printf("\n");


for(int i = 0; i < 10; i++){
   printf("4 * %d = %d\n", i+1, (i+1)*4);
}
printf("\n");

for(int i = 0; i < 10; i++){
   printf("6 * %d = %d\n", i+1, (i+1)*6);
}
printf("\n");
```

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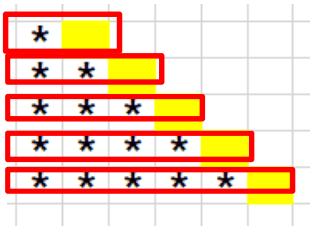
Ex2

안쪽 반복문 생성 -> 규칙찾기 -> 바깥쪽 반복문 생성



```
// 별하나 찍기
starcnt = 1;
for(int i = 0; i < starcnt; i++){
    printf("*");
}
printf("\n");
```

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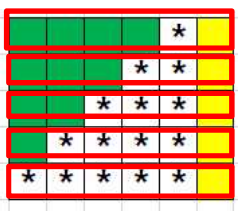
Ex3

안쪽 반복문 생성 -> 규칙찾기 -> 바깥쪽 반복문 생성



```
// 공백, 별 찍기
blankcnt = 4;
for(int i = 0; i < blankcnt; i++){
    printf(" ");
}

starcnt = 1;
for(int i = 0; i < starcnt; i++){
    printf("*");
}
printf("\n");
```

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