**4장 연습문제 정답**

**1.**

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| for i in range(5) :  for j in range(10) :  print('\* ', end=' ')  print() |

**2.**

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| i = 0  while i < 5 :  j = 0  while j < 10 :  print('\* ', end=' ')    j += 1  print()    i += 1 |

**3.**

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| for i in range(6, 0, -1) :  for j in range(i) :  print(i, end=' ')  print() |

**4.**

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| for i in range(6) :  for j in range(i+1) :  print(j, end=' ')  print() |

**5.**

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| n = 8  for i in range(n) :  if i == 0 or i == n-1:  for j in range(n) :  print('\*', end=' ')  else :  print('\*', end=' ')  for j in range(n-2) :  print(' ', end=' ')  print('\*', end=' ')  print() |

**6.**

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| sum = 0  for i in range(100) :  if i%2 == 1:  if i == 99 :  print(i, end='')  else :  print(i, end=' + ')    sum += i    print(' = %d' % sum) |

**7.**

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| n = int(input('N의 값을 입력하세요 : '))  sum = 0  for i in range(1, n+1) :  if i%2 == 0 :  sum += i\*\*(i-1)    print('N의 값 : %d' % n)  print('합계 : %d' % sum) |

**8.**

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| n = int(input("N 값을 입력해주세요 : "))  for a in range(2, n+1) :  prime\_yes = True  for i in range(2, a) :  if a % i == 0 :  prime\_yes = False  break  if (prime\_yes) :  print(a, end=' ') |

**9.**

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| print('-' \* 50)  print(' 달러($) 원화(원) 유로(€)')  print('-' \* 50)  dollar = 10  while dollar < 101 :  won = dollar \* 1080  euro = dollar \* 0.81  print('%7d %8.0f %7.1f' % (dollar, won, euro))  dollar = dollar + 10    print('-' \* 50) |

**10.**

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| print('-' \* 40)  print(' cm mm m inch')  print('-' \* 40)  cm = 1  while cm < 101 :  mm = cm \* 10.0  m = cm \* 0.01  inch = cm \* 0.3937  print('%8d %8d %8.2f %8.2f' % (cm, int(mm), m, inch))  cm = cm + 2    print('-' \* 40) |