



Python Homework

7



456. What will be the output after the following statements?

```
import keyword print(keyword.iskeyword('Python'))
```

- a. True b. keyword c. for d. False

457. What will be the output after the following statements?

```
import random x = [3, 8, 6, 5, 0] print(random.choice(x))
```

- a. A random element from the list x b. The list x
- c. A random element from the list x, excluding 3 and 0 d. A random element from the list elements 3 and 0

458. What will be the output after the following statements?

```
import random x = [3, 8, 6, 5, 0] random.shuffle(x) print(x)
```

- a. A random element from the list x b. The shuffled list x with the elements mixed up
- c. A random element from the list x, excluding 3 and 0 d. A random element from the list elements 3 and 0

459. What will be the output after the following statements?

```
import random x = [3, 8, 6, 5, 0] y = random.shuffle(x) print(y)
```

- a. A random element from the list x b. The shuffled list x with the elements mixed up
- c. None d. A random element from the list x, excluding 3 and 0

460. What will be the output after the following statements?

```
import sys x = sys.stdout.write('Python Jobs')
```

- a. A random character from the string 'Python Jobs' b. Python Jobs c. None d. PJ

461. What will be the output after the following statements?

```
import time print(time.time())
```

- a. Current time in seconds since the Epoch at 00:00:00 GMT on January 1, 1970
- b. Today's time in hours c. None d. Today's time in minutes

462. What will be the data type of the output after the following statements?

```
import time print(time.time())
```

- a. String b. Integer c. List d. Float

463. What will be the data type of the output after the following statements?

```
import time print(time.asctime())
```

- a. String b. Integer c. List d. Float

464. What will be the output after the following statements?

```
import time print(time.asctime())
```

- a. Current time in seconds since the Epoch at 00:00:00 GMT on January 1, 1970
- b. Current date and time c. None d. Today's time in minutes

465. What will be the output after the following statements?

```
import time y = (2016, 2, 10, 12, 45, 32, 5, 0, 0) print(time.asctime(y))
```

- a. Current time in seconds since the Epoch at 00:00:00 GMT on January 1, 1970
- b. Current date and time c. Sat Feb 10 12:45:32 2016 d. No output

466. What is likely to be the output after the following statements?

```
import time y = time.asctime() print(y[:3])
```

- a. 2016 b. 3:40 c. Mon d. 04

467. What will be the output after the following statements?

```
import random print(int(random.random()*10))
```

- a. 10 b. A random integer number within the range of 0 to 9
- c. None d. A random floating point number within the range of 0 to 9

468. What will be the output after the following statements?

```
import random print(int(random.random()*10) + 1)
```

- a. 11 b. A random integer number within the range of 0 to 11
- c. None d. A random whole number within the range of 1 to 10

469. What will be the output after the following statements?

```
import random print(random.sample(range(20), 5))
```

- a. A list of 5 unique numbers within the range of 0 to 19 b. A list of 5 unique numbers within the range of 0 to 20
- c. A list of 4 unique numbers within the range of 0 to 19 d. A tuple of 5 unique numbers within the range of 0 to 19

470. What will be the output after the following statements?

```
import random print(random.sample(range(5, 20), 4))
```

- a. A list of 5 unique numbers within the range of 4 to 19 b. A list of 5 unique numbers within the range of 5 to 20
- c. A list of 4 unique numbers within the range of 5 to 19 d. A tuple of 4 unique numbers within the range of 5 to 19

471. What will be the output after the following statement?

```
print(a)
```

a. SyntaxError b. TypeError c. ValueError d. NameError

472. What will be the output after the following statement?

```
a = "Python Practice'
```

a. SyntaxError b. TypeError c. ValueError d. NameError

473. What will be the output after the following statement?

```
a = true
```

a. No Error b. TypeError c. ValueError d. NameError

474. What is the value of the NoneType data type?

a. undefined b. Null c. Nan d. None

475. What will be the output after the following statements?

```
def xyz(): a = 56 xyz() print(a)
```

a. NameError b. 56 c. a = 56 d. xyz

Answer Key

Algorithm Homework(#26)

피보나치 수열이란, 첫 번째 항의 값이 0이고 두 번째 항의 값이 1일 때, 이후의 항들은 이전의 두 항을 더한 값으로 이루어지는 수열을 말한다.

인풋을 정수 n 으로 받았을때, n 이하까지의 피보나치 수열을 출력하는 프로그램을 작성하세요

```
n = int(input("num? : "))
```

```
num? : 13
```

```
0, 1, 1, 2, 3, 5, 8, 13
```

1. 파이썬 코드와 결과 포함한 사진 제출
2. 순서도나 수도코드까지 작성하면 extra credit
3. 각 행마다 주석 달기 필수, 미 기재 시 감점

모범답안

