



Python Homework

12



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

```
x = 'Python Jobs' if x.lower() == 'python jobs': print('Python jobs') else: print('python 3 jobs')
```

a. python 3 jobs b. Python jobs c. Python Jobs d. python jobs

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

```
x = 'Python Jobs' if x.isupper(): print('Python jobs') else: print('python 3 jobs')
```

a. python 3 jobs b. Python jobs c. Python Jobs d. python jobs

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

```
x = 'Python Jobs' y = x.upper().lower().upper() print(y)
```

a. python Jobs b. PYTHON JOBS c. Python Jobs d. python jobs

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

```
x = 'Python Jobs' y = x.upper().lower().isupper() print(y)
```

a. python jobs b. PYTHON JOBS c. False d. True

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

```
x = ['Python', 'is', 'interesting'] y = ' '.join(x) print(y)
```

a. 'Python', 'is', 'interesting' b. Python is interesting c. Pythonisinteresting d. ['Python', 'is', 'interesting']

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

```
x = 'Python is interesting' y = x.split() print(y)
```

a. 'Python', 'is', 'interesting' b. Python is interesting c. Pythonisinteresting d. ['Python', 'is', 'interesting']

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

```
x = '''Today is a nice day. Let's go for a walk. We'll also go to the park.''' y = x.split('\n') print(y)
```

a. ['Today is a nice day.', "Let's go for a walk.", "We'll also go to the park."] b. Today is a nice day.
c. Let's go for a walk. d. We'll also go to the park.

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

```
x = 'Python 2 and Python 3' print(x.strip('and'))
```

a. Python 2 b. Python 3 c. Python 2 and Python 3 d. Python 2 Python 3

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

```
x = 'Python 2 and Python 3' print(x.strip('thon 3'))
```

a. Python 2 b. Python 2 and Py c. Python 2 and Python 3 d. Python 2 Python 3

565. What is the first line of the following statements on Windows?

```
#!/python3 x = 'Python 3'
```

a. A comment b. Python String c. Shebang line d. Python Variable

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

```
import re x = re.compile(r'\d\d\d-\d\d\d\d') y = x.search('The phone number is 444-4444') print(y.group())
```

a. The phone number is 444-4444 b. \d\d\d-\d\d\d\d c. 444-4444 d. r'\d\d\d-\d\d\d\d'

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

```
import re x = re.compile(r'(\d\d\d)-(\d\d\d\d)') y = x.search('The phone number is 444-4444') print(y.group(2))
```

a. The phone number is 444-4444 b. 4444 c. 444-4444 d. 444

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

```
import re x = re.compile(r'(\d\d\d)-(\d\d\d\d)') y = x.search('The phone number is 444-4444') print(y.group(1))
```

a. The phone number is 444-4444 b. 4444 c. 444-4444 d. 444

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

```
import re x = re.compile(r'(\d\d\d)-(\d\d\d\d)') y = x.search('The phone number is 444-4444') print(y.group(0))
```

a. The phone number is 444-4444 b. 4444 c. 444-4444 d. 444

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

```
import re x = re.compile(r'(\d\d\d)-(\d\d\d\d)') y = x.search('The phone number is 444-4444') print(y.groups())
```

a. ('444', '4444') b. 4444 c. 444-4444 d. 444

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

```
import re
x = re.compile(r'(\d\d\d)-(\d\d\d\d)')
y = x.search('The phone number is (444)-4444')
print(y.group(1))
```

a. ('444', '4444') b. 444 c. 444-4444 d. (444)

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

```
import re
x = re.compile(r'Python 2|Python 3')
y = x.search('Python 3 MCQ')
print(y.group())
```

a. Python 2|Python 3 b. Python 2 c. Python 3 d. Python 3 MCQ

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

```
import re
x = re.compile(r'Python 2|Python 3')
y = x.search('Python 2.7')
print(y.group())
```

a. Python 2.7 b. Python 2 c. Python 3 d. Python 2|Python 3

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

```
import re
x = re.compile(r'day')
y = x.search('Today is a nice day and a Sunday')
print(y.group())
```

a. day b. Today c. nice day d. Sunday

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

```
import re
x = re.compile(r'(Sun)?day')
y = x.search('Today is a nice day and a Sunday')
print(y.group())
```

a. day b. Today c. nice day d. Sunday

Answer Key

Algorithm Homework(#32)

주어진 문자열(공백 없이 쉼표로 구분되어 있음)을 가지고 아래 문제에 대한 프로그램을 작성하세요.

이유덕, 이재영, 권종표, 이재영, 박민호, 강상희, 이재영, 김지완, 최승혁, 이성연, 박영서, 박민호, 전경헌, 송정환, 김재성, 이유덕, 전경헌

- ① 김씨와 이씨는 각각 몇 명 인가요?
- ② "이재영"이란 이름이 몇 번 반복되나요?
- ③ 중복을 제거한 이름을 출력하세요.
- ④ 중복을 제거한 이름을 오름차순으로 정렬하여 출력하세요.


```
names =
```

```
"이유덕,이재영,권종표,이재영,박민호,강상희,이재영,김지완,최  
승혁,이성연,박영서,박민호,전경헌,송정환,김재성,이유덕,전경헌  
".split(",")
```

```
#1
```

```
#2
```

```
#3
```

```
#4
```