



# 98-381<sup>Q&As</sup>

Introduction to Programming Using Python

## Pass Microsoft 98-381 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.passapply.com/98-381.html>

100% Passing Guarantee  
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft  
Official Exam Center

- ⚙ **Instant Download** After Purchase
- ⚙ **100% Money Back** Guarantee
- ⚙ **365 Days** Free Update
- ⚙ **800,000+** Satisfied Customers





### QUESTION 1

The ABC company has hired you as an intern on the coding team that creates e-commerce applications.

You must write a script that asks the user for a value. The value must be used as a whole number in a calculation, even if the user enters a decimal value.

You need to write the code to meet the requirements.

Which code segment should you use?

- A. `totalItems = input("How many items would you like?")`
- B. `totalItems = float(input("How many items would you like?"))`
- C. `totalItems = str(input("How many items would you like?"))`
- D. `totalItems = int(input("How many items would you like?"))`

Correct Answer: B

References: <http://anh.cs.luc.edu/python/hands-on/3.1/handsonHtml/io.html>

---

### QUESTION 2

#### HOTSPOT

You are an intern for ABC electric cars company. You must create a function that calculates the average velocity of their vehicles on a 1320 foot (1/4 mile) track. The output must be as precise as possible.

How should you complete the code? To answer, select the appropriate code segments in the answer area.

Hot Area:



## Answer Area

#Speed calculator

```
distance =  (input("Enter the distance traveled in feet"))
```

int
str
float

```
distance_miles = distance/5280 #convert to miles
```

```
time =  (input("Enter the time elapsed in seconds"))
```

int
float
str

```
time_hours = time/3600 #convert to hours
```

```
velocity = distance_miles/time_hours
```


```
print("The average velocity is : ", velocity, " miles/hour")
```

Correct Answer:

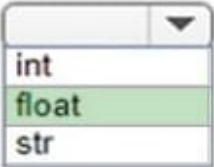


## Answer Area

#Speed calculator

```
distance =  (input("Enter the distance traveled in feet"))

distance_miles = distance/5280    #convert to miles

time =  (input("Enter the time elapsed in seconds"))

time_hours = time/3600    #convert to hours

velocity = distance_miles/time_hours

print("The average velocity is : ", velocity, " miles/hour")
```

References: <https://www.w3resource.com/python/python-data-type.php>

---

### QUESTION 3

You are writing a Python program to automate inventory. Your first task is to read a file of inventory transactions. The file contains sales from the previous day, including the item id, price, and quantity. The following shows a sample of data from the file:

```
10, 200, 5
20, 100, 1
```

The code must meet the following requirements: Each line of the file must be read and printed If a blank line is encountered, it must be ignored When all lines have been read, the file must be closed

You create the following code. Line numbers are included for reference only.



```
01 inventory = open("inventory.txt", 'r')
02 eof = False
03 while eof == False:
04     line = inventory.readline()
05
06
07     print(line)
08 else:
09     print ("End of file")
10     eof = True
11     inventory.close()
```

Which code should you write for line 05 and line 06?

- A. 05 if line != '\n':  
06 if line != "":
- B. 05 if line != '\n':  
06 if line != None:
- C. 05 if line != '':  
06 if line != "":
- D. 05 if line != '':  
06 if line != "\n":

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

<https://www.dotnetperls.com/readline-python>

---

#### QUESTION 4

##### DRAG DROP

You are writing a function that works with files.

You need to ensure that the function returns None if the file does not exist. If the file does exist, the function must return the first line.

You write the following code:



```
import os
def get_first_line(filename, mode):
```

In which order should you arrange the code segments to complete the function? To answer, move all code segments from the list of code segments to the answer area and arrange them in the correct order.

Select and Place:

### Code Segments

```
if os.path.isfile(filename):
```

```
    return file.readline()
```

```
with open(filename, 'r') as file:
```

```
    return None
```

```
else:
```

### Answer Area

Correct Answer:

### Code Segments

### Answer Area

```
with open(filename, 'r') as file:
```

```
    if os.path.isfile(filename):
```

```
        return file.readline()
```

```
    else:
```

```
        return None
```

## QUESTION 5

You develop a Python application for your company.

You need to accept input from the user and print that information to the user screen.

You have started with the following code. Line numbers are included for reference only.



```
01 print("What is your name?")
02
03 print(name)
```

Which code should you write at line 02?

- A. name = input
- B. input("name")
- C. input(name)
- D. name = input()

Correct Answer: B

[Latest 98-381 Dumps](#)

[98-381 PDF Dumps](#)

[98-381 Braindumps](#)