VCE & PDF
GeekCert.com

98-381^{Q&As}

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.geekcert.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

You are creating a Python program that shows a congratulation message to employees on their service anniversary.

You need to calculate the number of years of service and print a congratulatory message.

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

```
01 start = input("How old were you on your start date?")
02 end = input("How old are you today?")
03
```

You need to complete the program.

Which code should you use at line 03?

A. print("Congratulations on" + (int(end)-int(start)) + "years of service!")

B. print("Congratulations on" + str(int(end)-int(start)) + "years of service!")

C. print("Congratulations on" + int(end - start) + "years of service!")

D. print("Congratulations on" + str(end - start)) + "years of service!")

Correct Answer: B

int must be converted to string

QUESTION 2

HOTSPOT

You create the following program to locate a conference room and display the room name. Line numbers are included for reference only.

```
01 rooms = {1: 'Foyer', 2: 'Conference Room'}
02 room = input('Enter the room number: ')
03 if not room in rooms:
04     print('Room does not exist.')
05 else:
06     print("The room name is " + rooms[room])
```

Colleagues report that the program sometimes produces incorrect results.

You need to troubleshoot the program. Use the drop-down menus to select the answer choice that answers each question based on the information presented in the code segment.

Hot Area:

Answer Area

Which two data types are stored in the rooms list at line 01?

bool and string	▼
float and bool	
int and string	
float and int	

What is the data type of room at line 02?

bool	▼
float	
int	
string	

Why does line 03 fail to find the rooms?

Invalid syntax	▼
Mismatched data type(s)	
Misnamed variable(s)	

Correct Answer:

Answer Area

Which two data types are stored in the rooms list at line 01?

bool and string	▼
float and bool	
int and string	
float and int	

What is the data type of room at line 02?

bool	▼
float	
int	
string	

Why does line 03 fail to find the rooms?

Invalid syntax	▼
Mismatched data type(s)	
Misnamed variable(s)	

QUESTION 3

Evaluate the following Python arithmetic expression:

```
(3*(1+2)**2 - (2**2)*3)
```

What is the result?

A. 3

B. 13

C. 15

D. 69

Correct Answer: C

References: http://www.mathcs.emory.edu/~valerie/courses/fall10/155/resources/op_precedence.html

QUESTION 4

You develop a Python application for your company.

A list named employees contains 200 employee names, the last five being company management. You need to slice the list to display all employees excluding management.

Which two code segments should you use? Each correct answer presents a complete solution. (Choose two.)

A. employees [1:-4]

B. employees [:-5]

C. employees [1:-5]

D. employees [0:-4]

E. employees [0:-5]

Correct Answer: BE

References: https://www.w3resource.com/python/python-list.php#slice

QUESTION 5

DRAG DROP

The ABC company is converting an existing application to Python. You are creating documentation that will be used by several interns who are working on the team.

You need to ensure that arithmetic expressions are coded correctly.

What is the correct order of operations for the six classes of operations ordered from first to last in order of precedence? To answer, move all operations from the list of operations to the answer area and arrange them in the correct order.

Select and Place:

Operations

Parenthesis

Exponents

And

Multiplication and Division

Addition and Subtraction

Unary positive, negative, not

Answer Area

Correct Answer:

Operations

Answer Area

Parenthesis

Exponents

Unary positive, negative, not

Multiplication and Division

Addition and Subtraction

And

References: http://www.mathcs.emory.edu/~valerie/courses/fall10/155/resources/op_precedence.html