Microsoft

Exam Questions 98-381

Introduction to Programming Using Python

About Exambible

Your Partner of IT Exam

Found in 1998

Exambible is a company specialized on providing high quality IT exam practice study materials, especially Cisco CCNA, CCDA, CCNP, CCIE, Checkpoint CCSE, CompTIA A+, Network+ certification practice exams and so on. We guarantee that the candidates will not only pass any IT exam at the first attempt but also get profound understanding about the certificates they have got. There are so many alike companies in this industry, however, Exambible has its unique advantages that other companies could not achieve.

Our Advances

* 99.9% Uptime

    All examinations will be up to date.

* 24/7 Quality Support

    We will provide service round the clock.

* 100% Pass Rate

    Our guarantee that you will pass the exam.

* Unique Gurantee

    If you do not pass the exam at the first time, we will not only arrange FULL REFUND for you, but also provide you another exam of your claim, ABSOLUTELY FREE!

NEW QUESTION 1
HOTSPOT
You are developing a Python application for an online product distribution company.
You need the program to iterate through a list of products and escape when a target product ID is found.
How should you complete the code? To answer, select the appropriate code segments in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

```
productIdList = [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
index = 0
```

```
▼
while
for
if
break
```

```
    print(productIdList[index])

    if productIdList[index] == 6 :
```

```
                ▼
        while
else    for
        if
        break
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
References: https://www.w3resource.com/python/python-while-loop.php

NEW QUESTION 2
You are writing an application that uses the sqrt function. The program must reference the function using the name squareRoot.
You need to import the function. Which code segment should you use?

A. import math.sqrt as squareRoot
B. import sqrt from math as squareRoot
C. from math import sqrt as squareRoot
D. from math.sqrt as squareRoot

Answer: C

Explanation:
References: https://infohost.nmt.edu/tcc/help/pubs/python/web/import-statement.html

NEW QUESTION 3
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.

Operations   **Answer Area**

| Parenthesis |

| Exponents |

| And |

| Multiplication and Division |

| Addition and Subtraction |

| Unary positive, negative, not |

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 4
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.

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")
```

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 5
You develop a Python application for your school.
You need to read and write data to a text file. If the file does not exist, it must be created. If the file has content, the content must be removed.
Which code should you use?

A. open("local_data", "r")
B. open("local_data", "r+")
C. open("local_data", "w+")
D. open("local_data", "w")

Answer: B

Explanation:
References: https://pythontips.com/2014/01/15/the-open-function-explained/

NEW QUESTION 6
HOTSPOT
The ABC company needs a way to find the count of particular letters in their publications to ensure that there is a good balance. It seems that there have been complaints about overuse of the letter e. You need to create a function to meet the requirements.
How should you complete this code? To answer, select the appropriate code segments in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

```
#Function accepts list of words from a file,
#and letter to search for.
#Returns count of a particular letter in that list.


def count_letter(letter, word_list):
    count=0
    for _____ ▼
        word_list in word:
        word in word_list:
        word == word_list:
        word is word_list:

        if _____ ▼
            word is letter:
            letter is word:
            word in letter:
            letter in word:

            count += 1
        return count


word_list =[]


#word_list is populated a from file. Code not shown.

letter = input("which letter would you like to count")

letter_count= count_letter(letter, word_list)
print("There are: " , letter_count, " instances of " + letter)
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
References: https://www.w3resource.com/python/python-for-loop.php

NEW QUESTION 7
HOTSPOT
The ABC company is building a basketball court for its employees to improve company morale.
You are creating a Python program that employees can use to keep track of their average score.
The program must allow users to enter their name and current scores. The program will output the user name and the user's average score. The output must meet the following requirements:
? The user name must be left-aligned.
? If the user name has fewer than 20 characters, additional space must be added to the right.
? The average score must have three places to the left of the decimal point and one place to the right of the decimal (XXX.X).
How should you complete the code? To answer, select the appropriate code segments in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

```
name = input("what is your name?")

score = 0

count = 0

while(score != -1):

    score = int(input("Enter your scores: (-1 to end)"))

    if score == -1:
        break

    sum += score

    count += 1

average_score = sum / count

print("[        ▼], your average score is: [        ▼] "%(name, average))
```

Dropdown 1 options:
```
%-20i
%-20d
%-20f
%-20s
```

Dropdown 2 options:
```
%1.4s
%4.1f
%4.1s
%1.4f
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
References: https://www.python-course.eu/python3_formatted_output.php

NEW QUESTION 8
You develop a Python application for your company.
You want to add notes to your code so other team members will understand it. What should you do?

A. Place the notes after the # sign on any line
B. Place the notes after the last line of code separated by a blank line
C. Place the notes before the first line of code separated by a blank line
D. Place the notes inside of parentheses on any time

Answer: A

Explanation:
References: http://www.pythonforbeginners.com/comments/comments-in-python

NEW QUESTION 9
DRAG DROP
You are building a Python program that displays all of the prime numbers from 2 to 100.
How should you complete the code? To answer, drag the appropriate code segments to the correct location. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Code Segments

```
p = 2
while p <= 100:
    is_prime = True
```

```
p = 2
is_prime = True
while p <= 100:
```

```
break
```

```
continue
```

```
p = p + 1
```

```
for i in range(2, p):
    if p / i == 0:
        is_prime = False
```

```
for i in range(2, p):
    if p % i == 0:
        is_prime = False
```

Answer Area

(empty boxes)

```
if is_prime == True:
    print(p)
```

(empty box)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
References: https://docs.python.org/3.1/tutorial/inputoutput.html
https://stackoverflow.com/questions/11619942/print-series-of-prime-numbers-in-python https://www.programiz.com/python-programming/examples/prime-number-intervals

NEW QUESTION 10
DRAG DROP
You are creating a Python script to evaluate input and check for upper and lower case.
Which four code segments should you use to develop the solution? To answer, move the appropriate code segment from the list of code segments to the answer area and arrange them in the correct order.

Code Segments

```
else:
    print(name, "is mixed case.")
```

```
else:
    print(name, "is lower case.")
```

```
name = input("Enter your name: ")
```

```
else:
    print(name, "is upper case.")
```

```
elif name.upper() == name:
    print(name, "is all upper case.")
```

```
if name.lower() == name:
    print(name, "is all lower case.")
```

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
References: https://www.w3resource.com/python/python-while-loop.php

NEW QUESTION 10
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

Answer: C

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

NEW QUESTION 15
......

Relate Links

100% Pass Your 98-381 Exam with Exambible Prep Materials

https://www.exambible.com/98-381-exam/

Contact us

We are proud of our high-quality customer service, which serves you around the clock 24/7.

Viste - https://www.exambible.com/