Name(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. In Python, a variable must be declared before it is assigned a value.
   1. True
   2. False
2. What will be the output after the following statements?

m = 67

n = m

m = 72

print(m, n)

a) 67 72

b) 72 67

c) 7267

d) 72 72

1. What will be the output of the following Python code?

str = input("Enter your input: ")

print ("Received input is : ", str)

1. Enter your input: Hello Python

Received input is : Hello Python

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Received input is : Hello

1. Enter your input: Hello Python

Received input is : Python

1. None of the mentioned
2. Consider the following code to answer the questions:
   1. What does the function do?
   2. What is the output for the following calls:
      1. print(function(4))
      2. print(function(-5))
      3. print(function(0))

def function(num):

if(num == 0):

return 0

if(num < 1):

num \*= -1

div = 0

i = 1

while(i <= num):

if(num % i == 0):

div = div + 1

i += 1

return div

1. Write a function that prints if a number is prime or not.