Introduction To Python – Quiz 4

Q1) What will happen when this code runs?

i = 0

while i < 5:

    print(i)

1. The computer will print out "0 1 2 3 4"
2. The computer will print out "0" over and over forever! The loop is an ***infinite loop***
3. The computer will print out "1 2 3 4 5"

Q2) When this code runs, the word "Hello" will print out 10 times:

i = 0

while i < 10:

    print("Hello")

    i = i + 1

1. True
2. False

Q3) What will print out when this code runs? You can choose more than one option.

names = ["Steve", "Frank", "Bill"]

for name in names:

    print("Hello ", name)

1. Hello Steve
2. Hello Frank
3. Hello Bill
4. Hello George

Q4) Match the code on the left to its purpose on the right

|  |  |  |
| --- | --- | --- |
| numbers = [55, 28, 36, 45]  total = 0  for number in numbers:  total = total + number |  | Choose numbers that meet a condition (条件) |
| numbers = [55, 23, 12, 5, 38]  for number in numbers:      if number < 50:          print(number) |  | Find the biggest number in a list |
| numbers = [22, 36, 45, 18]  biggest = -1  for number in numbers:      if number > biggest:          biggest = number |  | Add up numbers in a list |

Draw arrows from the boxes on the left to the boxes on the right.

Q5) What does this code do?

askAgain = True

while askAgain == True:

    age = input("Enter your age: ")

    try:

        age = int(age)

        askAgain = False

    except:

        print("Sorry that is not a number, try again")

1. Asks for your age, stopping when you enter something wrong like "fifteen"
2. Asks for your age over and over again until you enter a number
3. Asks for your age forever, no matter what you enter