CSCI1200 Spring 2023 Quiz 3

Name: _____

Sample codes

Suppose you are given a list called `day_sales` which is a list where each element represents the ticket sold on each day.
For example,

```
day_sales = [6, 81, 22, 33, 93, 43, 54, 20, 36, 56, 52, 41, 5
1, 27, 16, 21, 15, 17, 60, 16, 95, 48, 12, 14, 74, 52, 48, 40,
51, 98]
```

We label the days with numbers starting from 0.
So, in the example, 6 tickets were sold on day 0, 81 tickets were sold on day 1...

The following code display some information derived from `day_sales`.

```
print("The highest number of tickets sold is ", max(day_sale
s))

print("The day with the highest number of tickets sold is ", d
ay_sales.index(max(day_sales)))

print("The lowest number of tickets sold is ", min(day_sales))

print("The day with the lowest number of tickets sold is ", da
y_sales.index(min(day_sales)))

print("The average number of tickets sold is ", sum(day_sale
s)/len(day_sales))
```

Question 1

Suppose you are given a list called `quiz` which contains scores for each quiz for a particular student.
For example:

```
quiz = [5, 2, 3, 4, 5, 3, 4, 5, 4, 3, 0]
```

We label the quizzes with numbers starting from 0.
The first element of `quiz` is 5. This is the score for quiz 0.
The second element of `quiz` is 2. This is the score for quiz 1.
The third element of `quiz` is 3. This is the score for quiz 2.

Complete the following codes. Your code should work for all values of `quiz`, not just that particular example given above. In particular, you can't just write 5 as the solution.

(a)

```
print("The highest score among all the quizzes is ", _____
_)
```

(b)

```
print("The quiz with the highest score is ", _____)
```

(c)

```
print("The lowest score among all quizzes is ", _____)
```

(d)

```
print("The quiz with the lowest score is ", _____)
```

(e)

```
print("The average score for quizzes is ", _____
_____)
```

Question 2

What is the output of the following code:
(a) `"abc"=="abcd"`

(b) `41234 < 41254`

(c) `-7 > 0`

(d) `(1+2+3) != 6`

(e) `-6 < -7`