Question 1

Which of the following data items are float data? Select all that apply. 1 / 1 point

==-2.11==

Correct

15.0 and -2.11 are examples of float data. Float data is data consisting of a number with a decimal point.

==15.0==

Correct

15.0 and -2.11 are examples of float data. Float data is data consisting of a number with a decimal point.

"5.2"

8

Question 2

What code displays the data type of the variable username? 1 / 1 point

```
username = ["elarson", "bmoreno", "tshah"]
data_type = username
print(data_type)
```

```
username = ["elarson", "bmoreno", "tshah"]
data_type = type()
print(data_type)
```

```
username = ["elarson", "bmoreno", "tshah"]
type(username) = data_type
print(data_type)
```

```
username = ["elarson", "bmoreno", "tshah"]
data_type = type(username)
print(data_type)
```

Correct

The data type of the variable username is displayed by the following code:

```
username = ["elarson", "bmoreno", "tshah"]
data_type = type(username)
print(data_type)
```

The type() function returns the data type of its input. In this case, that input is the username variable, which contains a list. This data type is assigned to the data_type variable and is displayed through the print() function.

Question 3
In the following code, what is the data type of login_success?
login_success = ["success", "success", "fail", "success"] 1 / 1 point

String
Integer
Boolean
List

Correct
List is the data type of login_success. List data is a data structure that consists of a collection of data in sequential form. Lists are placed in brackets.

Question 4
What is the output of the following code?
failed_attempts = 3
failed_attempts = 4
print(failed_attempts) 1 / 1 point

3
4
3, 4
7

Correct
The output of the code is 4. This code initially assigns the value of failed_attempts to 3, but it then reassigns the value of this variable to 4 before printing it. The print() function is placed after this and displays this reassigned value of 4.