JAVA IOT DEVELOPER

MID SEM

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B.C.A -I.O.T.

There are three classes available for this exam. Understand the java code written in these files and answer the following questions:

1. Is the code written in the Wearable.java class correct? Justify and summarize your findings. (20 marks)

Ans.

NO, Wearable.java is incorrect.
The method compare to () inside the Wearable class.
The return type of the this method is int but it is actually returning Boolean.

2. The Connection.java class has a constructor that takes two devices. Extend the constructor so that only Wearable devices can be added in the connection class object. (30 marks)

Ans. Code is created

3. Create a class named as Connections. In this class create a list that can contain several connections. Now design a method in the Connections class that can be used to search for a specific connection. (Hint: You can use the compareTo() method to design your search method.) (40 marks)

4. Create a MainApp.java class to test working of the following:
5. Code correction for question 1 (2 Marks)
6. Demonstrate that the Connection class can now take Wearable Devices as arguments (4 marks)
7. Demonstrate the correct working of search method developed in the Connections class. (4 marks)

Code correction for question 1 (2 Marks)
We have change the return value to int from true and false

Demonstrate that the Connection class can now take Wearable Devices as arguments (4 marks)
Now where connection was created by input of two devices now its two wearable.

Demonstrate the correct working of search method developed in the Connections class. (4 marks)
now Connections is taking int id of connection as input and returning that specific connection as output