Databases and Information Systems Lab Assignment 5

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Part A

For Part A, the same java file(Driver.java) contains the code for all three questions.

1

2

```
- -
medical resultation - mystexecutequety, seeker their sequence //
13
                 while(resultSet.next()) {
 14
                     System.out.println(resultSet.getString("ID")+" "+resultSet.getString("name"));
 15
 16
                 System.out.println("Part A Q2");
 17
                 listDepartments(myS);
            }catch(Exception e) {
 18
                 e.printStackTrace();
 19
 20
 21
        public static void listDepartments(Statement stmt)
 22⊖
 23
             // Write the code for Q2
 24
 25
 26
                 ResultSet resultSet2 = stmt.executeQuery("SELECT dept name,st count,inst count from (select dept
 27
                 while(resultSet2.next()) {
 28
                     System.out.println(resultSet2.getString("dept name")+ " "+ resultSet2.getString("st count")+
 29
 30
 31
             catch(Exception e) {
                 e.printStackTrace();
 32
 33
 34
 35
🖺 Problems @ Javadoc 🖳 Declaration 📮 Console 🛭
<terminated> Driver (2) [Java Application] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (05-Oct-2021, 1:19:49 pm)
98988 Tanaka
Part A Q2
Biology 1 1
Comp. Sci. 5 4
Elec. Eng. 2 1
Finance 1 2
History 1 2
Music 1 1
Physics 3 2
```

```
VOIG CISCOCPUT CHICHES (Trepareus carement seme)
 42
        {
             // Write the code for Q3
 43
 44
 45
 46
             try {
 47
                 stmt.setString(1, "Watson"); //this doesn't give null set, so I used this val
                 ResultSet resultSet3 = stmt.executeQuery();
 48
                 while(resultSet3.next()) {
 49
                     System.out.println(resultSet3.getString("classroom.room_number"));
 50
 51
 52
53
             catch(Exception e) {
                 e.printStackTrace();
 54
 55
 56
 57
 58
 59
 60
 61
 62
🖫 Problems @ Javadoc 🖳 Declaration 📮 Console 🛭
<terminated> Driver (2) [Java Application] /usr/lib/jvm/java-11-openjdk-amd64/bin/java (05-Oct-2021, 4:40:58 pm)
98988 Tanaka
Part A Q2
Biology 1 1
Comp. Sci. 5 4
Elec. Eng. 2 1
Finance 1 2
History 1 2
Music 1 1
Physics 3 2
Part A Q3
120
```

Part B

The java file containing the code is StudentServlet.java, and the html file is index.html.





