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POSSESSION OF MOBILE IN EXAMINATION IS A UFM PRACTICE

Name of Student ---------- Enrolment No. ----------

Department ----------

BENNETT UNIVERSITY, GREATER NOIDA

Minor 2 Examination, SPRING SEMESTER 2017-18

COURSE CODE: **ECSE102L** MAX. DURATION: **ONE HOUR**

COURSE NAME: **Object Oriented Programming Using Java**

COURSE CREDIT: **SIX** MAX. MARKS: **10**

Instructions to the students

- All the questions are compulsory.

Q1. Write a program to find minimum number of elements needed to be removed from the array so that the sum of remaining element is even. (3 marks)

example:

Input {1,2,3,4}

Output is 0 sum is even

Input {4,2,3,4}

Output 1 we need to remove 3 to make some even.

Q2. Write a program to take input from a user (Name and E-mail) through console. These values should be used to initialize the variables. If the user does not want to enter any data then he can enter 'NA' for both the fields, In this case variables should be initialized with the default values using the default constructor otherwise parameterized constructor should be used to initialize the values. (3 marks)

Note: Number of user is 1

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Q3. Write the missing code (_____) to insert values in login table present in Bennett database (Database used is MySQL)
Note: Value of id should be considered as 1 (2 marks)

```
public class login {
        private int id;
        private String userName;
        private String pass;

        public int getId() {
                return id;
        }
        public void setId(int id) {
                this.id = id;
        }
        public String getUserName() {
                return userName;
        }
        public void setUserName(String userName) {
                this.userName = userName;
        }
        public String getPass() {
                return pass;
        }
        public void setPass(String pass) {
                this.pass = pass;
        }
        public static void main(String[] args) {
                login l = new login();

                Scanner sc = new Scanner(System.in);
                System.out.println("userName");
                l.setUserName(sc.nextLine());
                System.out.println("pass");
                l.setPass(sc.nextLine());

                try {
                        Class.forName("_____");
                        java.sql.Connection con = DriverManager.getConnection(
                  "_____ ", "root", "123456");

                        Statement stmt = _____
                        String insert = _____
                        stmt.execute(insert);
                        con.close();
                } catch (Exception e) {
                        System.out.println(e);
                }}}
```

Q4. Compute the output of the following code (2 marks)

4.1

```
class access
   {
        public int x;
        static int y;
      void cal(int a, int b)
      {
        x =  ++a + b++ ;
        y = y + b--;
      }
   }
   class static_specifier
   {
      public static void main(String args[])
      {
        access obj1 = new access();
        access obj2 = new access();
        obj1.cal(5, 8);
        obj2.cal(9, 1);
        System.out.println(obj2.x + " " + y);
      }
}
```

4.2

```
class Test
{
   public static void main (String[] args)
   {
      int arr1[] = {1, 2, 3};
      int arr2[] = {1, 2, 3};
      if (arr1 == arr2)
         System.out.println("quot;Same")
;
      else
         System.out.println("Not same");
   }
}
```