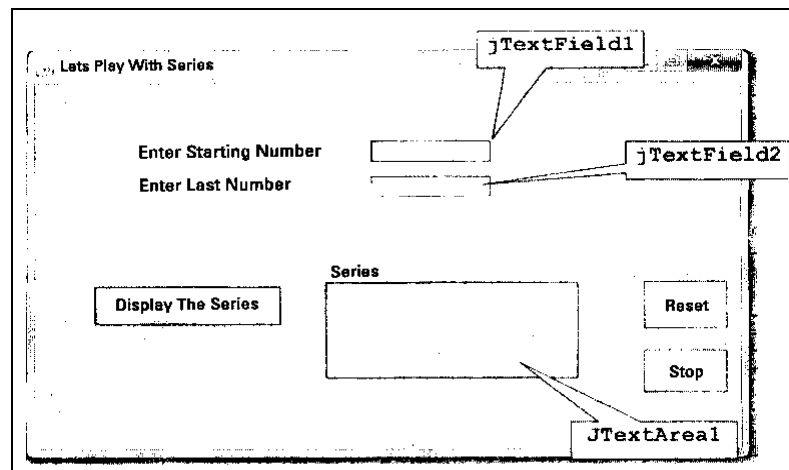




INDIAN SCHOOL MUSCAT
SENIOR SECTION
INFORMATICS PRACTICES
CLASS XI (2018-19)
Topic : JAVA PROGRAMMING
Lab Work Sheet : 13

Q1. Janav Raj is a programmer at Path Educo Enterprises. He created the following GUI in NetBeans. Help him to write code for the following :



(i) To display series of odd or even numbers (depending on Starting Number- jTextField1 is even or odd) in the JTextArea on the click of command button (Display the Series)

For example :

If the Start Number is 5 and Last Number is 11, Text Area Content will be

5 7 9 11

If the Start Number is 2 and Last Number is 10, Text Area Content will be

2 4 6 8 10

(ii) To clear both the text fields and text area, on clicking Reset button

(iii) To terminate the application on the click of Stop button
(Assume Suitable names for the various controls on the Form)

Q2. Ms. Fauzia works as a programmer in “TelTel Mobile Company” where she has designed a software to compute charges to be paid by the mobile phone user. A screenshot of the same is shown below :

Each Call is charged at ₹1.00.

Each SMS is charged at ₹ 0.50.

Users can also opt for Mobile Data Plan. Charges for Mobile Data Plan are flat ₹ 50.00.

TelTel Mobile Company

Name

Mobile Phone Number

Number of Calls Made

Number of SMSs Sent

☐ Mobile Data Plan

Calls and SMS Charges:

Mobile Data Plan Charges:

Amount to Pay:

Help Ms. Fauzia in writing the code to do the following :

(i) When the 'Calculate Charges' button is clicked, 'Calls and SMS Charges', 'Mobile Data Plan Charges' and 'Amount to Pay' should be calculated and displayed in the respective textfields.

'Amount to Pay' is calculated as :

Calls and SMS Charges + Mobile Data Plan Charges (if any)

(ii) When the 'Clear' button is clicked, all the textfields and checkbox should be cleared.

(iii) When the 'Exit' button is clicked, the application should close.