

INFORMATICS PRACTICES

ASSIGNMENT

CLASS-XII

Q1. Design a 'Raised to Power' application in JAVA to accept 2 numbers from user and calculate the result. Also set a Reset button in the application.

Q2. Design an application in JAVA which accepts a fractional number from user and round it off to 0,1,2,3 digits as per user's choice.(Use Radio buttons to accept choice input and Math class for rounding off.)

Q3. Develop a 'Case Changer' application in JAVA which accepts a string input from user and displays it in Lower case and upper case.(Use case conversion methods - toUpperCase () and toLowerCase ())

Q4. Develop an application in JAVA which accepts the First Name, Middle name and the Last Name from user and display the short name. (i.e. Last name followed by his initials.)

Q5. Design an application to calculate Simple Interest. Accept Principle, Rate and Time from user. (Hint: S.I. = $(P * R * T) / 100$)

Q6. Design an Area Calculator capable of calculating the area of a circle, square and Rectangle.(Use Radio buttons to accept figure input and use the visibility, border, enabled and editable properties to make the application presentable .)

Q7. Design a basic calculator in JAVA which accepts two numbers from user and calculates sum, difference, product, quotient as per the user's choice. (Based on the use of Arithmetic operators)

Q8. Design an application in JAVA to accept Name as input and display the name with title i.e. If male add Mr to it and if Female add Ms to it (Use radio buttons for selection input)