DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COLLEGE OF ENGINEERING

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Designing an Algorithm and Flowchart for Switch Case and Procedures

Ex.No:5
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1. Write an algorithm and draw a flow chart for the following:
   a. Program using C Switch…Case to Calculate the Area of a Rectangle/Circle/Triangle.
   b. Program using C Switch…Case :
      We consider the following program in which the user need to type his own ID, if the ID is valid it will ask him to enter his password, if the password is correct the program will print the name of the user, otherwise, the program will print Incorrect Password and if the ID does not exist, the program will print Incorrect ID. (Hint: "Nested Switch")

2. Draw a flow chart to find all the roots of a quadratic equation $ax^2+bx+c=0$ using functions or procedures. Note (Pass the variables to the function as **Quadratic_root_finder(a, b, c)** and find the roots using appropriate formula and print the result)