**MID**

1. Declare a String of your name “Your name and ID”. Make a program to reverse this string and print the reverse string on console.
2. Make a calculator which adds, subtracts and multiplies. The program must ask user which operation he wants to perform (User will enter ‘a’ for addition, ‘s’ for subtraction, ‘m’ for multiply). Then user will enter 2 values and program must compute the answer.
3. Print diamond pattern of stars.
4. Implement Bubble Sort Algorithm.
5. Make a program which calculates a factorial of user provided number.
6. Make a program which asks user any integer and display it on console in binary, hex and int format. A msgbox should appear after each iteration which ask for continuing or quit. It must continue the process until user reply “NO”.
7. Make a program which counts the frequency of a character in a user provided string.