**Assignment Set 6[Floating Point operations]**

**Batch A & B**

1. Write a program to read two floating point numbers and to print its sum, difference and product.
2. Write a program to calculate the perimeter of a circle, it should accept the radius from the user.
3. Write a program to calculate the roots of a quadratic equation.
4. Write a program to sort an array of floating point numbers.
5. Compute the sin series below

COS X = 1-x^2/2!+x^4/4!-x^6/6!+..... n terms

Calculate Cos(X) by processor instruction and compare the result with the above one.