

## **LAB on OOP Using CPP**

### **Assignment-3**

- 1) Write a CPP program to accept a character from user and check it is uppercase, lowercase, digit or special symbol by using function.
- 2) Write a CPP program to accept three numbers from user and find largest number from three numbers using following prototype.  
`int maximum(int a, int b, int c);`
- 3) Write a CPP program to accept basic salary, HRA, DA, TA, PT and PF. Calculate net salary and gross salary using following function prototype.  
`float gross_salary(float bs, float hra, float da, float ta);`  
`void net_salary(float gross_sal, float pt, float pf)`
- 4) Write a CPP program to check number is prime or not using function.
- 5) Write a menu driven CPP program for following options using function
  - i. Check number is odd or even.
  - ii. Check number is divisible by 3 and 5
  - iii. Check number is positive or negative