**Assignment No: 3**

**Bactch Code: TUP-BRAC-13 Marks : 10**

**OOPS**

Task 1 :-

* Create a class name Address with three field Street,City,Country.
* Create a new class Employee with fields eid,ename,esal,edept,eadd (Inherit address class to employee)
* Create a new manager class using inheritance from employee
* All fields must be private in classes.
* For every field there must be getters and setters
* Create another class to instantiate Employee class and Manager class which contains main method.

Task 2:-

* Create a program to accept 10 no from user at runtime and print the smallest and greatest no from the series using array.

Task 3:-

* Write a program to accept n number of int values and add together.

Task 4:-

* Write the program for no guessing game with below rules
* User should have three life
* For every chance give some hint to user
* If user gave the correct answer in first chance than display a message “Great! You won”.
* If user gave the correct answer in second chance than display a message “Bravo! You won”
* If user gave the correct answer in third chance than display a message “You won”
* Otherwise display a message “You Lose” and display the generated no
* Give option to user for play again or quit the game.

Task 5:-

* Write Features of Java Programming language

Task 6:-

* Write a program to accept the number and output will be reverse of the number
  + Ex. 1234 should be display as 4321