Lab Assignment - 8

1. Using the concept of pointers, WAP to swap the private data values of two objects of the same class type.

2. WAP to demonstrate virtual function by creating a base class polygon which has virtual function area(). Two classes rectangle and triangle derived from polygon and they have area() to calculate and return the area of rectangle and triangle respectively.

3. WAP to demonstrate virtual function by creating a base class Account which has virtual function deposit() and withdrawal(). Two classes Saving and Current Account derived from Account and they have deposit() and withdrawal(). Deposit is to add the balance into your account and Withdrawal is to get the withdrawal amount. Write a member function to get the deposit and withdrawal amount and to update the balance information for current and savings etc. Write a member function to display the balance information for respective account.

4. WAP to demonstrate Upcasting

5. WAP to demonstrate Downcasting