**SET: 1** Create a class Account that stores customer name, account number and type of account. From this derive the classes Curr-acct and Sav-acct to make them more specific to their requirements. Include the necessary methods in order to achieve the following tasks:

a. Accept deposit from a customer and update the balance.

b. Permit withdrawal and update the balance.

**SET: 2** Write a java program to implement reverse of a string and find the number of vowels in the given string.

**SET: 3** Using the concept of overloading, find the area of the following shapes.

1. Cube (Area=6a2)
2. Parallelogram (Area=bh)
3. Trapezoid(Area=½ (𝒂 + 𝒃)𝒉

SET: 4

1. Create a class that includes a integer array as a member and include methods.

a. sort() - To sort a list

b. replace()- To replace a specified number with another number.

Include constructor to initialize the member variable. Write Java program to call the above methods and display the results.

SET:5

## Implement Hierarchical Inheritance in Java

create One superclass Company with method CompanyName(). Then Create two classes called Employee1, and Employee2 which inherit the Parent Class and contain method EmployeeName(). Write Java program to call the methods the display the results