Java Project:

1)

Inheritance, polymorphism, abstraction, encapsulation,over riding, over loading all implemented in single program.

class One { public void display()

{

System.out.println("One");

}

}

//inheritance class Two extends One {

@Override public void display()

{

System.out.println("Two");

}

public int add(int x, int y)

{

return x+y;

}

//Overload public double add(double x,double y)

{

return x+y;

}

}

//encapsulation example class EncapTest

{

private String name; public String getName()

{

return name;

}

public void setName(String newName)

{

name = newName;

}

}

//abstraction abstract class TwoWheeler

{

public abstract void run

}

class Honda extends TwoWheeler

{

public void run()

{

System.out.println("\nbike is Running..");

}

}

class MainClass

{

public static void main(String[] args)

{

One a=new One();

a.display();

Two b=new Two();

b.display();

System.out.println(b.add(4,2));

System.out.println(b.add(5.,2.));

//polymorphism EncapTest encap = new EncapTest();

encap.setName("Sandeep's");

System.out.print("Name : " + encap.getName() );

TwoWheeler test = new Honda(); test.run();

}

}

2)collection:

package Project;

import java.util.ArrayList;

import java.util.Iterator;

public class JavaPro {

public static void main(String args[])

{

ArrayList<String> list=new ArrayList<String>();

list.add("Roshni");

list.add("Nisha");

list.add("Rohit");

Iterator itr=list.listIterator();

while(itr.hasNext())

{

System.out.println("These are the collection programs:"+itr.next());

}

StringBuffer bf=new StringBuffer("Hii");

bf.append("Roshni");

System.out.println(bf);

}

}