// Single inheritance

Public class person

{

**// making varibale**

Private int age;

Private string name;

**// making functions**

Public void setage(int a)

{age =a;}

Public void setname(string n)

{name =n;}

**// returning data**

Public int getage()

{ return(age);}

public string getname()

{ return (name);}

}

// extend is used to extend class properties of person class

// here student have properties of (new prop+properties of person class)

Class student **extend** person

// class **SubClasss** Extends **SuperClass**

{

Private int rollno;

Public void setroll(int r)

{rollno=r;}

Public int getroll()

{return (rollno)}

}

Public class example

{

Public static void main(string [] args)

{

// making object

**Student c1= new student**

S1.setrollno(100)

S1.setname(“abc”)

S1.setage(19)

System.out.println(s1,getrollno)

}

}

// multiple inheritance practice

Public class c1

{

Private int aa;

Public static void seta(int a)

{aa=a; }

Public int geta()

{return (aa);}

}

class c2 extends c1

{

Private int bb;

Public void setbb(int b)

{ bb=b;}

Public int getbb()

{return (bb);}

}

Class c3 extend c2

{

Private int cc3;

Public void setcc3(int c)

{cc3=c;}

Public int getcc3()

{return (cc3);}

C3 object=new c2

object.setaa(12)

object.setbb(20)

object.setcc3(222)

}