**public** **class** Myjava {

**public** **static** **void** main(String ss[])

{

/\*

Teacher t1 = new Teacher();

t1.setName("Mr Ajay");

System.out.println(t1.getName());

Teacher t2 = new Teacher();

t2.setName("Mr Vijay");

System.out.println(t2.getName());

\*/

/\*B b = new B();

b.firstMethod();

b.secondMethod();

\*/

MethodTypes mty = **new** MethodTypes();

mty.myFirstMethod();

mty.secondMethod("vishal");

System.*out*.println(mty.thirdMethod());

System.*out*.println(mty.forthMethod("My forth"));

}

}

/// Inheritance //

**class** A

{

A()

{

}

**void** firstMethod()

{

System.*out*.println("First mehtod ");

}

}

**class** B **extends** A

{

B()

{

}

**void** secondMethod()

{

System.*out*.println("Second mehtod ");

}

}

// Methods //

// void type means does not return any value without parameter //

**class** MethodTypes

{

MethodTypes()

{

}

**void** myFirstMethod()

{

System.*out*.println("This is first mehtod ");

}

// void type means does not return any value with parameter //

**void** secondMethod( String methodvalue)

{

System.*out*.println("this is Second mehtod " + methodvalue);

}

// return type and without parameter

String thirdMethod()

{

**return** "vishal111";

}

// return type and with parameter

String forthMethod(String name)

{

**return** name;

}

}

**class** Teacher

{

String name ;

String courseteach;

Teacher()

{

}

**void** courseTeach(String courseteach)

{

**this**.courseteach = courseteach;

}

String getCourseTeach()

{

**return** courseteach;

}

**void** setName(String name)

{

**this**.name = name;

}

String getName()

{

**return** name;

}

}

///////