**//main\_inside\_class**

**public class** Student{

**int** id;//field or data member or instance variable

String name;

**public** **static** **void** main(String args[]){

Student s1=**new** Student();//creating an object of Student

System.***out***.println(s1.id);//accessing member through reference variable

System.***out***.println(s1.name);

}

}

**// main\_outside\_class**

**class** Student{

**int** id;

String name;

}

**public class** TestStudent1{

**public** **static** **void** main(String args[]){

Student s1=**new** Student();

System.***out***.println(s1.id);

System.***out***.println(s1.name);

}

}

// initialization\_by\_reference\_variable

**class** Student{

**int** id;

String name;

}

**public class** TestStudent2{

**public** **static** **void** main(String args[]){

Student s1=**new** Student();

s1.id=101; //Initialization

s1.name="Ravi"; //Initialization

System.***out***.println(s1.id+" "+s1.name); //printing members with a white space

}

}

// initialization\_by\_reference\_variable\_multiple\_objects

**class** Student{

**int** id;

String name;

}

**public** **class** TestStudent3{

**public** **static** **void** main(String args[]){

//Creating objects

Student s1=**new** Student();

Student s2=**new** Student();

//Initializing objects

s1.id=101;

s1.name="Ravi";

s2.id=102;

s2.name="Kumar";

//Printing data

System.***out***.println(s1.id+" "+s1.name);

System.***out***.println(s2.id+" "+s2.name);

}

}