

-! Take input from User in class!-

Two approach to take input:-

1) Create a Scanner object inside the method  
SetStudent() and accept value.

2) Create a Scanner object in main() method,  
accept input there and pass these value as  
argument to the SetStudent().



Second way is  
Best.

①

Same previous

```
public void SetStudent() {
```

```
{
```

```
    Scanner sc = new Scanner(System.in);
```

```
    Sout("Enter Roll, Grade, Per);
```

```
    Roll = sc.nextInt();
```

```
    Grade = sc.next();
```

```
    Per = sc.nextDouble();
```

```
}
```

But this not  
good way because  
every time Scanner create  
new reference.

2 way:-

```
import java.util.Scanner;
```

```
class Student
```

```
{
```

```
    private int roll;
```

```
    private String name;
```

```
    public void setStudent(int a, String b)
```

```
    {
```

```
        roll = a;
```

```
        name = b;
```

```
    }
```

```
    public void showStudent();
```

```
    {
```

```
        System.out.println(roll);
```

```
        System.out.println(name);
```

```
    }
```

class Main

{

public static void main (String[] args)

{

Scanner sc = new Scanner(System.in);

Student s1;

s1 = new Student ();

Scout ("Enter Roll No");

int a = sc.nextInt ();

Scout ("Enter name");

String b = sc.next ();

s1.setStudent (a, b);

s1.showStudent ();

}



good way to take input

if Multi time input use Array  
and for loop.

## - ! Object Initialization :-

The word initialization means setting the initial value of the data member (instance member) of an object other than the default value at the time creation of the object.

In java, there are 3 ways using which we can initialize an object and they are

- 1). Explicit initialization.
- 2). Initialization Using Constructor
- 3). Using initializer blocks.

### 1). Explicit initialization:-

```
class <className>
{
```

```
    <data type>
```

```
    <access modifier> <data type> <varName> = Value;
```

```
    !
```

```
}
```

Class Account

```
{  
    private int accId = 101;  
    private String name = "Amit";  
    private double Accbalance = 50000.0;  
  
    public void Show()  
    {  
        System.out.println("accId" + accId + " name" + name +  
            " Account balance" + Accbalance);  
    }  
}
```

Class UseAccount

```
{  
    public static void main (String [] args)  
    {  
        Account A;  
        A = new Account();  
        A.show();  
    }  
}
```