

1st Java Program

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Java 1st program:

1. Create java Project
2. Create java package
3. Create java class
4. main method
5. Printing statement
6. Save Program (Control + s)
7. run program (click green btn)
8. check output--> Console tab

Shortcuts in eclipse:

1. **main method:** type "main"+control+space bar
2. **Printing statement:** type "syso"+control+space bar

String, System--> **1st letter -->Caps**

Step1: Create java project--> file--> new--> java project--> Enter project name--> finish(Create module/don't create module--> don't create module)

if "java project" not visible -> click on "open perspective" ->java(default)/java -> open

Step2: Create java package--> right click on project name/Src folder-->new--> package--> enter package name--> finish (Create module/don't create module--> don't create module)

Step3: Create java class--> right click on package name-->new-->class-->enter class name--> finish

Note:- Implicit super constructor Object() is undefined for default constructor

-->right click on project name -> build path -> configure build path ->libraries ->double click on JRE system library ->workspace default jre -> finish --> apply & close

Step4: create main method

Step5: create printing statement

1 Java project--> multiple packages-->

1 package--> multiple classes

1 class--> multiple method--> main method

1 main method --> multiple printing statements -->

to print messages

```
package sample1;    //packagename --> // -> comments

public class demo1    //className or class declaration
{
    //class body

    public static void main(String[] args)    //main method declaration
    {
        System.out.println("HI")    ;    //printing statement
        System.out.println("Hello ");
    }

    //String, System --> 1st letter caps
}
```

```
package sample1;

public class demo2
{
    public static void main(String [] args)
    {
        System.out.println("hi");
    }
}
```