7 Y A Mattal on	5
First Java program and Main Method in JAVA 26/10/22	-) j
26/10/22	
- In Java 9 - is hell feature	
A Java 9 > is hell feature  Lowe Cantonite only line  of Gode- and Execute  of Gode- and Execute	
of Gode and Execute	
> 3s hell > System. Out. print (6)	(1) Ed
Js new ?	@I
(1) = 6+3 = => \$1 = => 9	
@ (+ 72=77	89
V22=7++	4
6 11 12 = 9+37	<b>→</b>
93 = 1	
) is hell gives Some Commands to follow	
) is hell gives some	->
Shell gives some  L) is hell > / "+ Enter", is hell.  L) shows all Commands in jakell.	
Coshiws all Comment	(1) s.
e ishell > [Vars	
int gl=s	
\$2=72	
jshell > / save Codejava. text - Saving Code	
ishell > / reset -> renetting state	->
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	a
jshell > /Vars got Reset	

hell was antroduced in Java ? Co Intention to learn Java Early: 15 testing small Code 4) not for building Applications.

litor: top for typing Cocle DE - Integrated Development Environment

LiType, Compile, Run, De-bug, Test 2Pt's: Eclipse, Intelij idea.

Java is Called Verboxe Coole. Co we have to Explain Structure & Coole

Ly Mention Everything.

Every statement need Semi Colon after it.

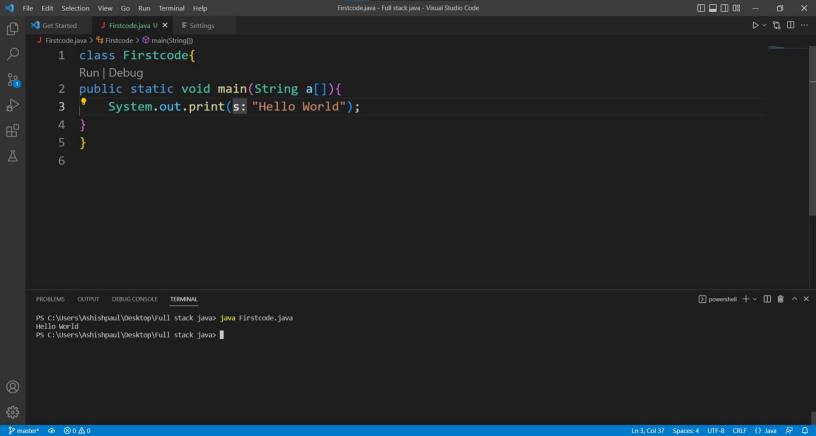
sting al). tarting Point Public static Void main l

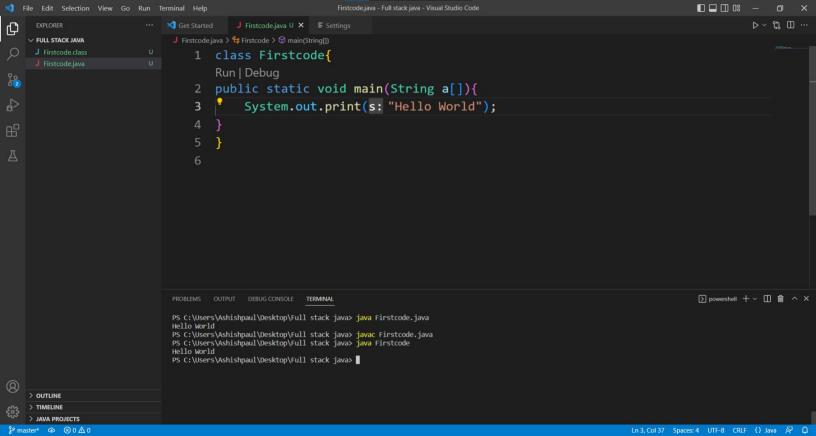
Evertling in Java should be a part of class.

```
Command Prompt
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Ashishpaul>jshell
  Welcome to JShell -- Version 18.0.2.1
  For an introduction type: /help intro
jshell> 5+6
$1 ==> 11
jshell> 77+6
$2 ==> 83
jshell> /vars
    int $1 = 11
    int $2 = 83
jshell> /save codejava.txt
jshell> /reset
  Resetting state.
jshell> /vars
jshell> /open codejava.txt
jshell> /list
  1:5+6
  2: 77+6
jshell> System.out.print("Hello World")
Hello World
^Chell>
C:\Users\Ashishpaul>_
```

Compiling and Interpreting Java Code.

Tava Source Code) y do do and I have > In uplomming Version of Java Code Can Interpreted directly. it is allowed In java [ Compile ] O Compile new Vertions · (lass -> (byte code) Note recommended. +> Recommand to Compile and deterpret towa Mill -> Mechine level Code Egr favac first bode -> Literpret. -> we have to our Gode with Class name (i) Compile + -- for Compiling we have to Java e Command. Ege Java C (file name) - Uning Tava Command we run Code (1) Interpret: < Class name > Java Ege Java firstlode Java -) File name Code + first lode . Java 1 Compile Class Second Code Class name. Java C first CodTav Java C < file name> Public Static Voidmain(){ Javac Ars Gode Mara 3 Interpret Sgrten. out. Print ("Hells"); 1 Compile Java SecondCode. Ja Java firstbole.class. & Interpret Java Pistbole output.





of it we make class now public them file mane

Public class firetto de La class name L) flass made public

(3) La one file we can create Multiple Classes.

Class secondCode /

Class Third Code 4

-> Different packaging techniques

O. Exe : windows fall the file in folder and they ]
Make it Executable:

D. Pkg - 1 Mac

(3) deb : linux

-> In Java we create Jar files.

W. Jar & Java archive

Ly when open we get all class files.

Egr Package of class files.

-> Some Jar files are Executable.

100 - Java files 600 - classes Jarfile