27/10/22

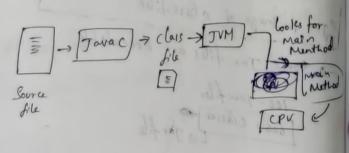
> Application/ software/program all referring to samething.

-> Every Application have different Modules.

-> Start point of Application should be defined 4 main method Comes into picture.

-> 0s -> operating System

L> 10 operates all the Application and Software.



-> JVM look for Main Method if it not found it will not give Control of Execution.

-) Executed & Java program is not Executed

1) What is Method

Tova program :- Tark (on work (on activity. by we have write within method.

1 Java Method .\_

-> Method will have have -> Method will have parameter

-> Method will have body -> Method will have return typ

Return name ( Parameter) task/body Egr Void add ( ) no parameters gives.

1+2 -> Adding two num

: Calling Me thod then the Rogram in Method get Executed. 4 add ( )

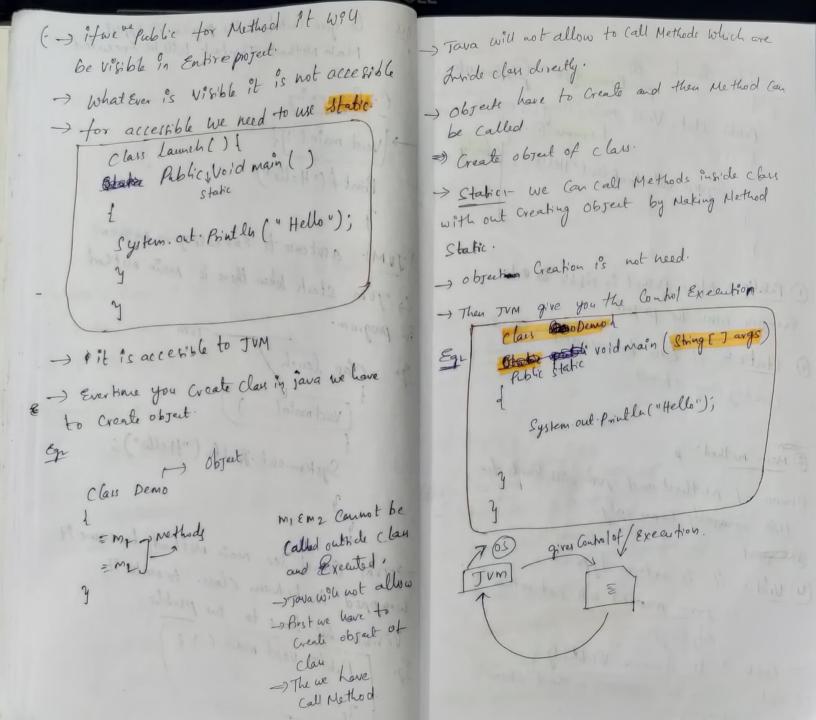
@ Print Hello World O DIST to give Control to the program it Expect

Main Method. Thentark Will be Executed Void olicplay ()

{

System-out. print ("Hello");

-no return C- frogramming > Void main () { Print f ("Hello") display (); 2) JUMI- assitance to Execute Java program -) las of there is nothing to return the any 4) Jun Starte When there is main nethod Value then write Void as return type -> it will not any Value to Caller. Ege Class lauch (Void main ()) Example (3) > System.out. Println ("Hello"); intodisplay() System.out Print ("fello") -> TVM Cannot See main method because it return 10; wrapped in between class. to make it display (); Visible we have to me public. Egr Public Void Main () { Lo After Executing it also returns Value to Caller



String [ ] args 13 To recieve Command line arguments.

> String [] args is a parameter which there in Main

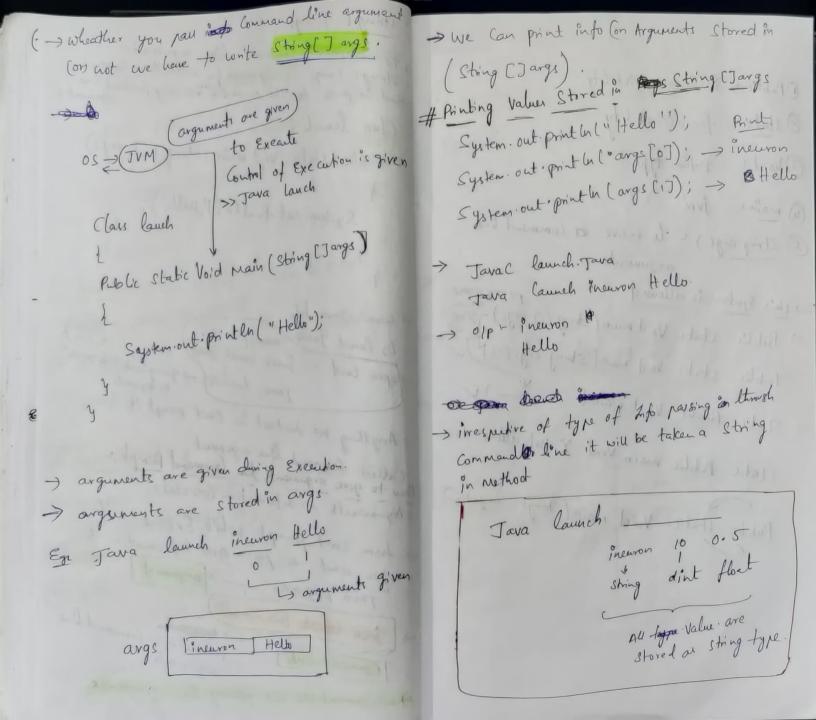
Method in java for the purpost of reliving Command line
argument. Class lawely Geturn type & Povaruker. Public Static Void Main (String [] args] System out. Rull ("Hello"); Body Class launch & Public Static Void Main (String [] args) System. out. Println (); Hello"); 1) Public: Main method is visible to @ to Everyone across the project. Sopen and = javac launch java giving Control to Tavac

Tava launch + o Execute 1 Static - it Can be accessed without € Creating any object. -> Anything we district in and prompt it is At thow to give arguments from Command frompt: @ Main method: 1 Oname of method and Jum will search for this manually name only. -) Arguments -> detornation (on data. -> from and prompt while Execution it you want to pass gome information to Que 4000 (a) Void :- it is return tyre. Jeva program. Jargument 6) Java main() will not return java (aunch inceron ai)

to recieve (ommand line)

arguments

arguments any eting -> Public is to Thereare Visibility -> Static -> Can be accepted without object I from Command the we passing the arguments. Creating.



Short Cut' Petrl + Space O Public + to hercase Northelity (6) Variable: - la store some information and data O static - for accombility Eq. a=10; what Ever given on light side given to left Ade 3) Void + return type. a main + jum (3) String arg(): to recive as Command line # Difference between Statically typed and dynamically arguments. - This Syntax is allowed typed programming language. > Public Static Void main (String [ ] args) Trive Statically typed Dynamically typed P.L Public Static Void main ( String args [ ]) Static Public Void main ( \_\_\_\_\_) a=10 static Public main void X not allowed int a=10; Print (a); S.o.p (a); - no hard to give type. Public static Vold main (strings - args) -) In CICH-ITave we Ex Python, Ts. have to specify what of data is stored in variable. -> Surch P.L where before we Compile we have to specify type of data.

(i) statically typed programing language --> type of data being checked during the Compile time itself. Egs c, c++, java. Dingnamically typed P. L. Such a -> type of data is not be cheeked during the Compile time diretly while Executing behind seems it will only understand Egr Python, is: spengrad parmorpary by - Java is statically-typed Programming language f-a-10; sully and of per out of Poplan 175 are to specify what South P.L where before we compile we odly let ords of may