

(2) JVM take platform independent Byte tode and tonvert it into platform specific or win 64 | Ubuntu | Mar specific Native language rode. JVM works on: write ones and use anywere principle compile time and Run time seperation Note: makes Java platform independent. Simple + Robust Settlie Automatic memory management Inherent Multi threaded support Object Oriented support Encapsulation (Excellent 110 support Inheritante Polymorphism (3) Inherent networking abstraction support for TCP IIP. upplip programming + for URLS 1 (Support functional Programming

install JDK 11 Installation

In java there are two folders ralled bin and sre you can also change their name like anything it is not compulsury to follow the bin + sic namina

> can we compile the rode without using main method in it?

yes, we can but we can not run it

SIT

their will be (hough hatourd illufuntime error.

class HelloJava f

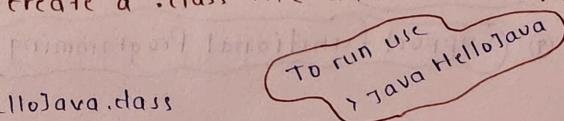
asilalozabon 1 ( )1111 1113 4111 noihail do .

This is java file created in src folder without rontaining any main method when we tompile this file using

Javac -d... 1 bin HelloJava. java

It will create a . class file under bin fotder

HelloJava dass



class Hello & don't return Day 1 9 public static void main (string (Jargs)

> to call the method

by class name System. out. println (" Hello"); If you compile and run above rode the rode will be run successfu But in rase if you change "main" method 114 name to Main the compiler will understand it as a method but it can't run bear Java is rasesensetive language Some tred and but In above code main method If you don't give contains main (string [] args) it it throws runtime error command line argument. what it interviewer asks you take values from

what if interviewer asks you take values from user without using scanner method? simply use.

system out printin (string "My name is." + args [0] + " " + args [1]

If you run above rode using it thoows

> Java Hello Array Index Out of Bound
Exception

Bul if you run it like Day 1

> Java Hello swaraj Kadam

then it will compile and run successfully.

Name of default parkage in java Java.lang pitiri

Java lang present in it

public static void double (Java. util)

method dedaiation parseDouble (strings) throws in java HumberformatException

string into double of
Double, paise Double (aigs [0])

hmodio montalpina

Difference Between Javase 8 (Jok 1.8)

First we will tearn about

Dev kill

Dev kooks)

JRE (Java Runtime environment)

splited into a portion (JDT,) PE) Day 1

In our bin folder

Jok is present

ez: Javac, java, jar,

c Javap

java dev tools

Java API libs

JRE

Jav (Java archival format)

Zjava-homer ljrellib

of classes, parkged

Java virtual

· class loader

· Interpretu

· JIT (Just-

· Hot spot profiler

· transage tollertor.