OOP > 7/9/25 Sun microsystem Team -> The gream team -> Green talk -sigt un official name name change ver 1 - 1995 glogan: Write once Run Anywhere. O. 19 Javo 00P? Features of Java: Explicit pointer not availa Platform Independent 1) Simple -> 1 Secure > (Dava Jos 3 Robust -> strong library to handle err memory management (garbage collector method) marok & s.weep a Arrchitecture - nutral.

Int always 4 byte in any archi 3 Object oriented. C) functions/ implemented procedural oriented language.

	oob .
7	D Class/ object
	D) Abstract
	DII) Encapsulation
	(V) polymorphism
	2/1/25
	independent.
	Juna > Platform dependent independent juna > Linux
	Xuny Sunx
,	Moy Conny
	O - win
200	(interpreted:
7	Source byte code + DIT
	(Java) interpreter
	Source byte code + JIT
	C ADY AND. 1
	In Time code, interpreter and Just
	In Time compiler used together. 3 Translators - On The compiler and Just
	Javac Compile
	3 JIT compler.
(3) High performance
(Dyna mi c-
	Memory management during Runtime. 10) Multithreading-
(10 Multithreading-
6	
(I	Distributed- It can work on different network.
	*

& class name file name different com-or public Static void main (string collargs) system. out. printf (" O Save as B. java @ open and navigate to folder (A. class will be generated) 3 Javal B. Java H 1 Java A 2 @ class name stort with Ab upper case @ class file / byte code is input of Jum @ Java file is infut of Javac compiler. max 1 class should be there. For Jumping Class loader extregons. in RAM byte lode verifier + Initializar. Runtime enhance security data orth y PC Stack class Area Heap regista memory method Area Memory storing result, PIC runtime. variable code while calling method. memory store allocation (recurtion function calls)

