JAVA Programming

Introduction:

Jours is an Object Griented programming language developed by Sun Micro System 9 USA in 1991.

It was orginally called Oak by James Goslin who was one of the inventor of JAVA.

JAVA is fundy object Oriented.

How JAVA Works?

Java is compiled into byte well and then it is interpreted to machine Code.

Source code compiled byte Code Interpret Machine Code

JOK - Java Development kit-Collection of tools used for developing and running JAVA program

Java Code

Package com. company; 4 @

public class Main & 11@ Entry point of the applicat

public static void main (String [] args) {

System out printly ("Hello world");

1) Package com com jany;

packages are used to group the related classes

- Package keyword used to execte package in JAVA:

- com company is the name of the puchase.

3 Every JAM program must contain main method.

Verriebles and Data types

Variables - Containor that Stores a values
Values can be changed droing the
execution.

Primitive > Short > Long (L, L) - boolean

int > clouble (d, D)

Literals -

A constant value which can be assigned to

Variable.

ey- 15.3F > Float Literal 18.3D > double 4 true -> boolean h

Key words - Words which are reserved and user by JAVA compiler.

Input from the User!

Java Uses Scanney Class to take input

Scanney S= new Scanney (System.in)

- -> String str = Sc next();
- -> String line = Sc. nextLine (7;
 - -> int a = Sc.nextInt();
 - >> float F = Sc. next float ();

Print in Java -

- (1) System. out.print() -> Print in same line
- 2) System. out. println() -> Print in new line.
- (3) System. out. printf() -> en-

system out prints ("/c", a)

