## Assignment - 26

abat is the difference between inheritance in c+t

- directly (all) or indirectly.
- 2. In Java, members of grandparent dass are not directly decessible.

5. Pass an Dargament in method coul.

- is meaning somewhat different in Java.
- 4. Java uses extends keyword for Inheritance.

Explain the concept of super paquord in

5. In Java, methods are by default virtual.

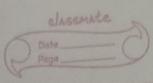
or what are the types of Inheritance in Javag

Java has following Inheritance:

- 1. Single Inheritance
- 2. () multilevel Inheritance
- 3. Hierarchal Inhuritance
- 4. multiple Inheritance
- 5. Hybrid Inheritance

Explain the concept of this keyword insula. 3. in a method or constructor, . This keyword can be used to invoked: · class of constructor 2. current method. 3. Return current class object 4. Pass an argument in constructor call. 5. Pass an largument in method call. somewhat different in sava. Explain the concept of super keyword in sang ses extends keyword for inherita Super keyword refers to parent class in Java.

object An understanding of inheritance & polymosphism is needed in order to understand the Java Super keyword. methods, with constructors.



How we can call one constructor from the another constructor of same classa them the derived days experiented. To call one constructor from another constructor of same class: from body down we are no 1. By using thises keyword By using superes keyword s How we call constructor of base class from the constructor of degived class 9 length of word. [ Striength ] · By using super keyword. write a pragram Dwhich accepts one word example: boloss Base Sal parquib & Orosa mong Base (int value) & . took mony SOP ( " Base constructor with value: "+ value); what it the use of dasporth for java class perived extends Base s Lawring to upperived (introvalue) of it observed to Super (value); // Base class call 50P (" perived constructor) public closs main & public static void main [ string args[]) \$

output: Base constructor with value: 10
perived constructor.

perived dobj = And porived (10);

The Explain the Scenario in which we have to call base class constructor of bosse class constructor of bosse class from the derived class explicitely.

from base class then we can use super keyword to call constructor from the base class.

g. write Java program which accepts one word from user through command line & display length of word. [-strilength]

g. write a program which accepts one word strip

g. write a program which accepts one word 1str from user a display largest word length from that.

10. Shat is the use of classpoth for Java program

e classporth is a parameter in sava virtual

machine or the vava compiler that

specifies the location of user defined classes

A packages.

1+ is used to provide the root of and package hierarchy to sava