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**CLASS: BSE7A COURSE:DESIGN PATTERN**

**LAB 1,2**

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Lab1:

Abstraction: example

abstract class Language {

// method of abstract class

public void display() {

System.out.println("This is Java Programming");

}

}

class Main extends Language {

public static void main(String[] args) {

// create an object of Main

Main obj = new Main();

// access method of abstract class

// using object of Main class

obj.display();

}

}

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LAB2:

OVERLOADING of the Main method is Possible or not?

Answer:

In java overloading of the Main method is not possible.B/c you can’t have different version of the same main method .it always remains the same as of the “ public static void main(string[] args)”

Example:

class TestBird {

public static void main(String[] args) {

Animal myBird = new Bird();

myBird.label();

myBird.move();

myBird.eat();

}

}

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What is return by the constructor and how u can identify it from declarations?

Answer:

Constructor in java doesn’t have a return type you can identify it having same name of class.In java it didn’t explicitly return a value as regular method gives.It only initializes an object when it creates.You can identify the constructor name as of the class.

Example:

Class Main{

Int x,y;

Public Main(){

X=5;

Y=12;}

public static void main(string[] args){

Main mymain=new Main();

System.out.println(mymain.x);

}

}

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Can we create an program without main