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Interials -02
Oce (180545)
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10

16.

```
Public class AM

Public class stable void main (" staring [] angs)

List [] whist = {40,60,10,00,80%;

List Sum =0

Jol (List Slament: List)

Lum = 2 um + Element;

Custom Aut, powith (" The Sum of first
```

System. out pountly ("The Sum of first 5 sourced's is

System. out. printly (sum);

Z

(i) Remainder operated: Returns the examinder of the division.

Ex!: Public class Rem

Public static road main (storing [] augs)

int a = 40, b=d;

system. But. println (by.a);

```
(ii) Shift Pight of zero fill operation (>>>):-

The left operand rollie is moved right by the number of bild specified by the sught operand and shifted values are filled up with zerous.

En: public class shift

Public class shift

I public class shift

System. out. println (a>>>2):

3
```

(iii) (&&) Logical AND: The logical && operation down theme Second condition is faire. It there second condition only of first condition is there.

Public Closs Frank

Public Static void main (stringtrangs)

List a=60,b=50, =200;

System, out, printle (a>b && c>a);

System, out, printle (a>b && b>c);

System, out, printle (a>b && b>c);

2

(ir) not operation (i) The bilities ! operation always chicks to what conditions is there orgalized to conditions whether girls conditions in the conditions whether girls conditions in the con

Enc!

```
public class not
              Public static void mais (String [7 ags)
               what . a = 2, b = 4, C = 8;
                System, out priently (a) blace);
              System, out println (02 1: 9 +4 20);
               System, our printly (a):
A'Haporense vooriable of a superclass can be assigned a reposence
       to any subdons, in the.
            System. out prints (
                    System. Deut. preintlin ("Bike is coreated");
             Horda Extends Bike
                  System. put. psuhter ("Running Sayely"):
```

For class Test Public statie void main (String angs [])

Bike B = Nous Horda (); B. sun();

Here in the above Example Super Class variable & Bike sterde eregger? abroom ablairer habital subclass.

mos orealording

1. Mothod browleading is used to inchase the hoodability.

- 2. Nothod brodbading is performed within class.
- 3. In lase of method overloading, parameter must be different.
- It is an redample of compile tire polymorphism.
- En java overlanding lant be, S. Retwin type must be performed by Marging graturin legter of the method only, Robotin type can be Same or different. But must rave change in parameter.

publicero

- 1. president in used to privide the specific implementation of the mothed that is already Perovided by it super class.
- 2. Avoliding octurs in two classes that have Is-A grabalitionship.
 - 3. Here parameter must be Same.
 - H. It is the Escamplast.
 - Same of consciont in method oroundi

```
Ext, Drock pading.
   Class sourlind.
 Statie int add (wit a, with )
            fortuin 9th;
  Static int add ( uit o , int b , inte)
            Hoturn a-Hotch;
   Public static void rain (85 up argel?)
L System. out. prunten (add (4,5));
    System, out. pountln (add (4,2,3));
 o restriding!
 class Animal {
      vois est
       (" prites ") altitle , privile (" Eating ");
     class. Dog Estands Asimal
       void satch System, out preintly ("Dog is Esting")
Class overside L
     public det static void main (stoing ages (9)
    ¿ Dod D: Les Brid ();
          Arimal A= new Arimal();
          D. Est ();
```