January -3 I waste a cample program to show ustry sava does not support multiple Phershare and how to resolve that issue (with seperate program). 0. coste a program to paint \* \* \* \* 3. Pacquam to get use of abstraction and interface. 4. program for parameterised constructor. How of helps on the executions of any program (lettle but of conceptual) 5. Java code to Amplement a statil variable b molance variable c local variable. @ class A1 & int helight; string name; vold work() { System - out - paintln ("Waxing"); 3 class As & int and marks; void study () & System · act · psfrtfr ("studying"); S. Ca class As extends A1, 49\_ Ilmot possible As to class does not extend A1, A2 classes multiple inherstance is not suppolited so use use interface to overcome this \* Interface A & Yord Wakeupe ) 3 System out - px Entin ("wakeup"); voted getleady 17 & System · out opathelin ("getteng Ready")"

MILE PROPERTY

class B Proplements +2 . Public vold walk () 2 System- out prantin ("walking"); 4 voold runc 16 System · out-parentle ("sunneng"); 3 public class Multiple & public statio word main (staring args 1) { B b = new BC? 6- Walker; bo gunera "Sear brow for 32 do b. wakeup(); b. getleadyer; class to trapportant A sant & COIA how Siking A a = new acr; a · wakeupers in A 1) along of the and get a getheadyer; FCIRA BADY Blding a- walke? 4 CORA HAUR 4 Sister out offer ( to method) \* \* \* \* \* dasc students for cent 9=0; 9(=5,9++) for (Pat 9=1; 3x=9; 9++) of principles and sincer (a passis, const fat) trabals · MARTHAN

and whomas the complete

2 July Play

```
public class Abstract Alinter race &
0
           public static wild math (Strong args 1) &
           B b = new Ben;
            b- A1(75
            b-A3C) for raised other epolice exerts
          A a = new Acr;
                                     objection and
              Q. A1(7%
              Q - A3(7)
              a-Azer; // method dresn't exist
      intexpace A &
                                           B- WAIKED
                                           0 (3/21) Fa + (3
          word AIC?
       abstract vord A3679
     class B Emplements A&
         public vord AIC7 &
               System - out-partly ("A method");
          public vold Age > 2
               System-out prentln ("Az method");
           3 Stored Age ) &
                System-act-pipalla ("As method");
          3
     class students
A
       int rollmo;
     strong name;
  11 parameter 3ed Constructor
    Student (Port rolling, staring n)
      rollno = roll?
      name=n;
    vold part &
      System · out - prentln ( "valmo+" "+ name);
```

```
public states word main (strong arger 1) &
     Student s = new Student ("1", Rafu);
     Student sy = new student (2, 4 Ray P/) 0
      so partiti
      Si- parnt()
  4
  at pallows us to pass the values dusting
   object caeation.
  public class Stalie &
    int a = 90°
   etatic ist a = 100%
                                Corrolling bis away
   vold calculate () &
       int b= a+100°
       int c = aut &0%
                     repris states well main (chery origin
    Statie world derevec)
                               Coloral Desper I boat
                                       503103.1
       int @3= 9+100;
    4
  public static vold main (string args) 2
      State s=new statisting
     System. out-pxentln (s-a)?
     System - out -prentin (s-a);
Instance voulable?
public class Instance 2
  int m= 15%
  int m1 = 20%
 world acc)
```

- Manuales

System. out-perfit (m); System- aut- prentin (mi);

```
Rublic statie vord main (streng args 1) Lo live silver
    Instance 9 = new Instance (); that come a traction
      P. a(); " PUSI" A) trabing war - 12 trabins
                                            Er Honor of
                                           · or strikky of
local voulable:
 Public class Local;
                                           a walkery Jeries
       int a = 50°, lenstance vairable
       int b=809
                                     & 3dode sents Sildon
    vold cal()
                                         COPER TO
    int m=20; Illocal varPable
                                       राताह करिया । १९०९
    int n= a+n;
                                         2 ( ) Daluston Blow
 System · out-parentin (m)?
                                      (30140 d fai
 Eystern · out prentln(n);
                                      208 + 100 = 5 His
  public static vold main (strong argsi)
                                      several few selections
      local 1 = new Local )
        Localer;
                                   3001710 - c 19 Jas
                     हर्वाह हार्य क्षेत्र है के हैं के हिन्द के हैं।
                              : 018 Holz GAG = 2 8/10/2.
                              g(n=2) altoragotin and is
                              Sapezanitaring two annings
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