Set - 3

What IN Date abstraction? Differentiate data and private all abstractions. Waits Enhanteness transcently for the Super Class Qualificated, Renablelogium, Equaes and Packingle.

Galouliti the was Of Square, sectorals and pools byon.

Kata Abataac Hon:

It is process of history Gertain details and condition to the user.

Abstraction can be scholard with eliter abstract chiles on formattaces. The abstract toyoned is a non-across modifier, used for classes and methods.

Abstract doss:

be used to compate objects.

our many olds not some our allier and

-Abrestace Meters:

The Pik only used to abstract method class to extend method that to extend the passeticular to loveth that shown to compate the body. The body is provided by subcloss.

* Abstraction to a process by history the emplomentation detable and only streetly functionally to cook.

- the instant methods and classes to achieve security be to have contain actall and only show the important details of an object.
- An abstract class can have a data mamber, abstract method, method body for non abstract method.

 Construction and much method.

10°1162 encek becomes pancedwal abstraction and data abstruction.

DATA ABSTRACTION PROTHODRAL AESTRACTION 1 Include of focustry on 1) They were characterised for Openations, use focus on a pologrammily languages as data finer and then fun / Han / tub tun ition. Opensions that muripality data. (5) we Expansation by copical (6) The Expansation by copical properties of data from the properties of an notion details of from the date . From the clinically of how to outpour outrd. actem to buildmouted. 18 The passbuck of data 1 The product of abstantion to an abstant pooreducal abstantion is data type in charge a borneware.

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Pargouns:
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imposit jeva . long . 4 . Emporet javo, io . 5; let sale y la imposit face util . Scorness: THE PROPERTY OF THE PROPERTY OF THE PARTY OF

asservet was Quadrilatial }

protected void set conditati firt o, Porta, loto, loto, loto, loto, for h)

the marghe and the administration of

public abstauct

" TO SECTION OF SECTIO

HE DELY DRUG HELD PROPERTY (1) I TO THE

class square attends Quaded lateral 7

patrio square (Inta. Tito, tota, for a, for a,

Ser (condlate (9,6,0,d, e, 4,9,6);

public Ent ger Aneacı I

Fat a = (Part) Martin Aquent ((*1-42)** (*1-42) +

(4-42) * (4-42));

action d'd;

5

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publis Pectagle (Fot a , Fot b , Fot a , Fot

7

public fut get Axea (1 2

ent de - (ent) Mass. Sque ((41-44)+ (4-44)+ (4-44)+ (4-44));

ent de - (ent) Mass. Sque ((41-44)+ (4-44)+ (4-44)+ (4-44));

neturn de tale;

class Pasallelogoom entends Chaddelateral I

public Paralleloguem (thea, this, t

set Condicals (a, b, c, d, e, 1, 9, 5); this height = height;

Public But get Asea (1) }

Port a = (800) Math. Square ((41-41)4 (41-41) +

(91-81)4 (41-41);

xelwin dx height;

F

F

public clase test Chambalial ?

Public States Void mash (Statery adapted)]

Square Sq = new Square (10,10,20, 10,20,20,10,20).

Persongle 200 = new Pretangle (10,10,30,10,30,00,00,00).

Parallelogum pyrm = new Parallelogum (10,10,30,10,20,30).

System court probation ("Area on Square;" +

Sq. get Area();

System - out - pointh ("Asso roy successes: "+ ann. yet Asias (1); Cyclem : cut puentles (" Ana on puellelayeum :"

4 pyano get Anouel);

Carpet:

Aron of Speace : 100

ay receases: 800

Anna on parallely gram: 160.

What Ix Importance use construction? Waste a faca pologones to pauloum construction Overlandling. Whereather the cutage by statio members and nesting members with a sattable example pargrams to Java.

Construenter: newery areated object. The construction resembles forstances method to java but the not a married at It durant frame any meterin type.

- * Construction has some nouse as class. -theres and there types of constructions:
 - 1) Weganer anstrancema.
 - @ No-any constructor.
 - @ Awardemeters and anstruction.
- * Strong class for a constances whether fill normal class on abstract.
- * Timporchance (by constraincing:
 - 1) The purpose by anstonether is to instructive the object of close whose the purpose of a method is to posystem a talk executing free ande.
 - (8) Construction, & agreet be abrevact, Indo, states

- 3 constant tout do not have seemen type.
- @ At the time of calling constructor, memory for the Object the allocated mornoury.
- B) The purpose of construction PR to arrigh the values to a pullball data.
- 6 It the a member function that initially an object on a construction the a momber or method that gets forvoked with out making an expect call to it.

* Construction overloading:

The interesting feature of a construction of a construction of all constructions in the construction of as consumers.

As a construction is also a method of does it also in be overloaded.

201 - 100 child of the Calmedian par enough out ()

```
pacyaam:
    Employet Java. 10. 4;
          Class Student 7
                               storing rame;
                           the measure of the state of the
                          Etuclant (Int f, stoing n, Put a) }
                                          let = 1;
 void display() } dystemout pointle (id+" "+name+" "+age); }
public state vold main ( strong angres) ?
                                                                        Student G: - new Student (111, Marsh 1)
                                                                    Student so = new student (202, "Mathems", 28);
                                  6, display ();
                                                                         50- display (1)
```

Output !

111 March 0.

+ State Markens;

these members without instantiating class.

and can be caused by Approved using static.

Fis

Emport favo. 10. 4;

public close Myclose E

public fraction for dota = 20)

patents states void Sample () ? System out putation (new off

patros mairo vocas main (consy wyer) ?

System wer possetto (Myclass data);

My Class . sample (1)

5

Output :

eo Hello

* Nested Member:

It is a nested class which is declared Possede the class. It can access all the members cop outer class according parvall data murkers and mestrock.

" Mested classes are used to develop meth models and maintiduble Clarential Code. -> codo. Operatio con

Vier.

fugort java 10 - +1

Class Class 7.

fat x = (0)

Glask Innerchast ;

t weyes;

PUBLES CLOSE MYMORO COO 3 Pablic Static void main (stoong asyster) [

Destarchers my contres = now Outen chast ();

Out class . Inner class my Inner - regently - new Innercon is Sycient court pollette (my Innerty + my Out 1);

A FORM SOME AND SOME MANAGEMENT AND ASSESSMENT ASSESSMENT AND ASSESSMENT A

15

Portfor a class named their fain with tollowing description: Instance Variables / Rota members:

- (1) Stally Knows Stonex one name of brook.
- (1) ilmista there Stones the parce of book Montes Memores:
- Horse failing Departe Constitution for willianter data Mautinis
- (1) Visid Reports To report & since the mane & the points of how
- (1) voto interesters To calminte putto after discourse.

Discount Pd Calculated based on the following contentials Pot co.

Kess than on equal in simple on on patte. More than 2 1000/ and less than on equal to 2 3000/ 10 1. of patter Marie tran 2-20001

(1) visited desplayer - To chapley the name and power Waste a main method to charte on object of class most Gill whove member methody.

a commence again a comment actions

a special part at the former

ALL MINNES LOS

Chile have non more than the with

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impost:
             jala . in . k;
A.
              2042 · 461 - Stanner;
      Impount
             Closs descount I
             public state void main ( story (1 ange) ?
                    From fath obj = Das Book fath 1);
                     obj. Topus ();
                     obj. George ();
                      Obj. desplay ()/
      Class Bookfuln I
           Stody Gramos
            double pulce;
            partie Pont Faire 2 5
            patrice volcempeters
                    Swores Enpue ins Scooner ( sygens in);
                    Brome - topat oper the Ch
                     parce = signal new Int ( );
       public oold calculate (1 of if (puter > 1000 $4 public 2 - 5000)
                   1 données - 100-101 pource = (se parce) [100;}
         if (paure = 2000) ? dentiles = 100 H; paire = (6+ parce)/100;
          (4 (PARCO Z=1000) ] decider == 100-2; power = (6 + parco)/100/
```

yether out points ("the poster instru discount is:"+

poster);

To

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Output !

I For Rooms - Manutare.

Parce - 1800.

The power after descent is: 1620.0.

Ejectal wounds and those would which structs and ends

WES + EXISTENCE + COMIC * WINDOW

Patthodorne would ame those words which troud the same forms left to suight mod uten verson.

KIR: & MNIAYALAM & FMADAM & KEVEL & ROLATOR

All pullednones are special words, but all special words

Whether a pungion to accept a world their and point whomas the world the a patthonouna or only spatral world

工

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public class Speelad I
     public state vold moto (study () ages 7
            System. cour. parteto (spataschar (" wow"));
            System . cut. porutin ( passincherous ( " H? "1);
      3
      pa lette
             Stalls fortion special chara (stally sta) T
              int (an = stw. length ()-1;
               (+ (star charat (0) = = 6121. Charat ((en))
                         accusio taux;
                ewe
                          stekwen fatte;
       4
               Statio boolean Palladione (ring sta) }
      public.
                stedy n = " "
                for (fat ? = str. (eng th ()-1; is =0; 1-1)
                         n = n+614. chas At (1))
                Ff (sta. equals (n))
                         netunn there;
                 ELSO
                         Atten neumn falle;
```

Output:

tage

false