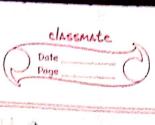


	classmate
1207	Date
711/200	W .
3	pevelop a Java prognom to create on abstrace
	clay named Shape that contains two integer
	de an empty method named print Area().
	provide three dayses named Rectangle Triangle
	& arde such that each one of these
	day grape. Each one
	of the classes contain only the
	mothod print Area() that prints the
	area of the given shape-
	is no 2 (1 dast 14 top the mid. "
	import java. w.l. x
	+
	abstract class shape ?
	int x;
	a processed to the state of the
	Public Shape (int x) {
	this, x = x;
	J. Aller M. J. Dai J. Auga Cli
	public astract void print Avea ();
-	n la Catande Chape ?
	class Redansle Gotends Shape &
	private int y;
	public Rectanglac) {
	this (1, 1);
	Commence of the Arman Commence of the Commence
	public Restangle (intx, inty) {
	Super (sc);
	twin y = y;
	9
	public int getwidth() }



	Page
	public Void Setwidth() {
	Scanner 5- new Scanner (System. in).
	int widthy
	N. W.
8.5	System · out · printly ("Enter wilth.").
	with = S. next Int ().
	Supexix = width
	and question of the second of
	The same of the sa
	public int get Height () {
	seturn this. 4;
	9
	cherical days stope it
	puttic Void Set Height () {
	Scanner so new Scanner (systemin).
	int height; I be to squally sind
	The second secon
	System. ont. println ("Enter height.");
	height = Sinept Int()
	this, y - height;
	class Rockers to colon the Plane ??
	in the state of th
	@ Override
	public Void print Areal) {
	Serwidm ().
	Set Height,
	System. Out. printly ("Area: "+ (getwidtha) *
	get Heig wtC1)
	7
	11:42.4.14
	cas circle extends Shape?
	private inty;
Li con	



public Gircle () } tu'x (1); Public circle (int x) & Super (t); public int get Rading() { Veturn Super. x. Puttic void Set Roding() { Scanner S= new Scanner (System.in); int rading; System. out. printly ("Enter ryding."); rading = S. nest Int (); Superix = rading; @overnide public void print Area () ? Setpading(); System. out. println ("Area = "+ (Masty. PI x Math. pow (getkydingu, 2))). Class Triangle extends Shape ? private inty; public Triangle () { this (1,1);



	Page
	public Triongle (int x) inty) (
	Super (x);
	this. y = y;
	2
	And to blue and the
	Dublic int get Bose () }
	g seturn Super. X;
	9
	Land to the state of the state
	public void Set Busel) ?
	Scanner S= new(canner (Systemin)
	int base;
, , , , , , , , , , , , , , , , , , , ,	2 Contract of the second
	: System. out, println ("Enter Dage).
	base = S. next Int().
	Superior = basel
	There is the second of the second of the
1	A MARK THE COMMENT OF
<u>.</u>	public int getHeight() {
	return this, y,
-	Public Void Set Height () {
	Scanner S= new Scanner (Cieta in)
	1147-0
	System. Out. println ("Enter height.").
	next Int ().
	this iy = height;
	3
	Covernide
	pattic vois him
	puttic Void print Area() { Set Base():
	)
	AP 보다 대통령화화 전에 모든 하시 그는 그는 사람들이 되었다. 그는 모든 그는 사람들은 불통이 되었지만 하는데 그 사람이 있는 그는 그를



```
Set Height ();
  System . Out . print (n (" Area = " +
      (Co. 5) * get Bage () * get Height () ));
Class Shapefrea {
  public static Void main (String [] args) {
    Shape Circle = new Circle();
    shape Trignalc = new Triangle ();
    int opt = 0;
    Scanner S= new Scanner (Systemin),
   phile (opt!=+) {
    Systemiout print ( "Your ophion ore;
      MI. Redangle Mc. Gide > nz
   Thigh gle .")
    opt = S. nept Int ();
  If (op == 1)
    yect . print Area ().
 else if (opt = = 2)
   Girde print Area();
 elle if (opt = = 3).
    triguese print Area ();
  elseif (opt = = 4)

System. Out. printly ("Terminalize
              Seppion.").
   System. Out. Printly ('Invalid value
  else
                  papped.").
```



2)	Develop a Java program to create a desp
	D. K that maintaine The 19 of
	tor it altomen one
	le the Other current all
	account provides compound interest & with
3.	facilities but no cheque book facility. It
	current account provider cheque book frain
27,	but no interest. Current account holler
	should also maintain minimum balance
	& if it falle below this level
	a sexvice change is imposed : create
	Clays Account that story customer name
	account number & type of account. From
	thin derive the days gurract &
	Sav-acct to make them more specifi
1 24	to their requirements. Include the
1 1	necessary methods in order to achieve to
	following taske: Accept depoxit from
11	customer & update the balance.
	· Dipplay the Balance
	· Compute de déposit intégrant
	· permit withdraway & update the balante
	· Diplage the betonce check for minimum balone
	· export peposit interest Impose pendly
	if necessary & aposite fue balance.
	i wast days Til o
	import java util Scanner
	import java Loung. Math.
	clar Account
	3 String Inn. 1
	2 String name type account
	Void deposit()
	. 보통하다 보통하다. 1916년 - 1917년 1일



	3 Scanner get-new scanned (system. in);
	double doppe
	System. out. println ("Enter the deposit:").
	depo = get. next double ().
	palance = balance + depo:
1.11	Void withdraw()
	Escanner get = new Scanner (System.in).
	double with draw!
Oachu *	system out printly ("Enter the amount
	system out printly ("Enter the amount  to with draw: ("" + balance +")").
*(	withdraw = get. nextDouble();
	System. out. print("Bolance: "+ balance);
	System. out. print(n("Bolance: "+ balance);
100 A 180 A	4 5 ( 1 6 most C ) 15 ms 6 130 130 130 130 130 130 130 130 130 130
	Void Create ()
	{Scanner get= new Scanner (System.in).
	System. out. printly ("Name:").
19	name = get, nept();
1.32	'tupe = "Current".
	System. Out. print ("Account No:");
	accno=getinent();
	System. out praintin ("Balance:").
17 6 W.	balance- get next Double().
V. A	Contract for Decreased Contract School
	Whild Check()
	? System. Out. print(n (" \n Minimum, Balance:"
	1 5000);
Mark 5	if (balance < 5000)
	S rustem out printle ( penalty is imposed
	placed deposit minimum + (5000 - bestylie
30.	+200) + 1 Rd In Ry 200 Service charge");
4	deposit ();



```
balance = balance - 200;
     { System.out.println ("Balance:"+ balance
       "Safe"); 9
   class say acct extends Account
   2 double intr=7;
      boolean cheque - falle;
      void displace
      & System. out. printly ("Bylonce: " + bylance).
      void create()
     E Scanner get=new Scanner (Stem.in).
       System. out. print(n (" name: ").
       name = get nept ()
      type = "Saving".
       Syftem. out. print(n ("Balance: ").
       balance = get next Double().
   Void Calcintes
   2 double interest;
    Scanner get = new Scanner (systemin);
   System out printly ("Enter time:")
just time;
    time = get next Int ().
   interest = balance & Mats. pow (1+ intr., time) -balon
   System. Out printin ("Interest: "+ interest)
   balance = balance + interest.
   System : Out print In ("Balynie!" + balance);
```



	class Bonk
	¿ public Static Void main (String orys[])
	? Scanner get: new Scanner (System.in)
	String type;
	Savacet accs= new Sav acct ().
	curracet accranes curracety;
	System. out. print in C"Enter type of account:
	(Carrent ( Saving)");
	type= getinept();
	if (type. equals ("Savinge"))
	accs. (reate();
	elseif (type equals ("Current"))
	accr. Create();
	THE REPORT OF THE PARTY OF THE
	int ch';
	(Chodo was a service of An in the service of the se
	3 Syptem out-print (n("\n1. Degapit \n2. Dipplay
	Ralance \ n3. Deposit Interey \ n4. withdrawl
	n 5, Check n6, cheque Book (under development)
	n 7: Epit ");
	ch = get nept Int();
	Suitch (ch)
	{ case I: if (type. equals ("Savinge"))
o fra fore	accs. Lepopit ().
	else
	accr. deposit ().
	break.
	case 2: "If (type, equals ("Saving"))
3 (4)	accs, dipplinc();
	else
	accr. diaphlac();
	break.
	case 3: if (type equals ("Sowings"))
+	a ccs. calcint();
W. 12 12 1 1 1 1	



else Systemiontipointly ("This account does now this provision") break ! cage 4: if (type equals ("Savings")) accsibithdraw(); euc accr. with draw(); case 5: if (type equal ("Savity")) System out println ( This allows doesnot have this provipion"). elec accr. Check (); break ! Case 6: if (type equals ("Savinge")) System. Out. printly (" This account dognat have this provision"); · elle System. out. println ("This account dog house this provision"); default: if (ch!7) 3 ystem. out printer ("Eiter valid option) 9 while (ch! =7);