Develop a Java progotom to create on abediacit close
named shope that condoine two integene and on empty
method named posindAoreac). posavide ahoree alaggeg named
Rectonale. Toilangule and churche such that each one of the
cologe extends the cologe shape. Fach one of the cology
contain the method point Aviear that points the area of
the given shope.
obedoract class shape &
practated and length;
porochected Port width
public Shape (Int length int width) &
this. length = dength:
thie. width = width
To Singer Wilding
11 12 a a l sant a a a l sant a a a a a a a a a a a a a a a a a a
public obertrat void printaneacs:
y. And the state of the state o
chapp Rectangle extends shope &
public Rectongle (Part Jength, Part width) (
Super (Jength, width);
4.
public void point Ascac) c
int asiea = denoth * width;
System out println ("Rectangle Avieg: "+ orea):
2
Z .

•	
	cologg Torrongle extende shope &
7	public Totionale (Pont length Pont wirth) 2
	Super Clength, width)
	3.
	public void pointaneacox
_	double oneq = 0.5 * dength * width:
	System out poundin (" Toriongle Aoua: "toria);
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	chapp crucile extends shape &
	public (Porcle (Part madious) &
	Super (viadious, 0);
_	
	011.
	Public void point Asieaco
	double ones: Math. PI * dength * Jength;
	System out point In ("ciorde Aorea" + area).
	7
	<u> </u>
_	public void pointages cod
	double ones Math
_	
	public dag Main (
_	public static void main (string [] ange) &
_	Restangle autongle = new Restangle (<,10).
_	otertongle. printoreal?
_	Iniongle taiongle I now Islangle (3, 8).
_	totionale printorerats.
	Charle cionele = nou Cionele (4).
	Clorde, parintoneal);

	1 .
	output:
	Rectongle Aveo! 50
	Avua of Tailongle: 17.
	Aoua of civile: 50.
9	Develop a Java program to create a class Bonk that
	marintaring two Kinds of occaund for ride cyclomerie, one
	called saverge account and the other consient account
	The sournge account provides compound interest and
	withdown facilities but no cheque book failly. The
	customent autounit porovides cheque book facility but no
	Entree et Consient account holdene should des mointain
1/2	minanoum balonce and if the balonce fally below this level
0	genvice charge is imposed.
	coreate a cology Account that stories continued name,
-	Account number and type of account forom this desire
	the chappen cum-act and say-act to make them
	movie specific to their nequivements. Include the
	necessary methods in order to othieve the following toply
0)	Accept deposit forom ruedoment and update the bolonie
Ь	Digplay the bolonce
()	Compute and doposit internegt
d)	Perint t withdrawol and update the balance.
	Check foor the minimum bolonce, impose penalty if necessary and update the bolonce

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	imparet javo will sconner.	
g		
garage de la companya	aloge Account &	
janeter karina in a santa a s	produted Storing cyctomes Nome;	
,	producted long account Numbers	
	Poratected Schring account Type;	
	priodected double bolonce;	
	public Account (Storing cuptomen Nome, long occount	
1	Alumber , string account Type, double balonce) .	
	thise. cyadomes Nome = cyatomes Nome;	
	thie. Occount Number = prount Number	
	this account Type = account Type:	
	thise balance = balance:	
	3.	
	public void display Balance C	
	System out printel ("Account Number: "+ occurt Number	
	System. out. porinten ("Cuptomen Name: "+ cupitomen Name)	
	System out pount ("Account Type!" + account Type).	
	System out prindly ("Bolonce: \$"+ bolonce);	
	3.	
	public void deposit (double amount).	
	balance + = omound;	
	Syetem. out. porinten (" Deposit of &" + omount +"	
	Succeppful."):	
	dieplayBolonce ();	
	3.	
	public void withdow (dooble omount) &	_
	Pf Compunt <= bolonice ) <	
	bolance = omount:	_
	System. out parintly (" With brained of \$" + amount	

	ruge
	"Succe petul"):
	3 edga x
	Syedem out printel (Input Ficient funde Mitheraud
	forded."):
	9
	lead Colomestas
	display Bolonce():
	9
count	3.
COUNT	
	close Cummacct extende Account of.
	printe double minimum Bolonce = 1000;
	purivate double = souvice change = 50;
	7
	public Cuma Accot Costaing cuatomentione, long
	accountillumber, double bolonce) 2.
	Super ( We tomos Nome, account Numbers, "( worstent")
- Toda W to	bdonce);
-rea Nome)	
-type):	public void with draw (double omount) &
Jen	7f (omount <= bolonce - minimum Bolonce) Y
	bolonce - = omount 2
· ·	System. out. println ("Withdraud of &". + amount +
	"Successful"): 3
	edge (
+ + "	System. out println ("Ingusticient funde withdround.
	toiled service charge of \$" + service Charge + " impored"
	balonce - = Service Charge:
	3.
	dipplay Bolonce();
	9
	3
amount	
Jing	

	_
cologe Sou Accet extends Account &	
porivate double interregt Rate = 0.05%;	
public sov Acct (storing eyedomen Nome, long	_
belowed at the belowed of	
Super (cuertomen Nome, account Nome, sovinge"	
bolonce).	_
9.	
	_
public void compute Interest () &	_
double interregt = bolonce * interregthate:	
bolonce + = Proteoreat:	_
Syntem. out. pointln("Interrept of g" + interrept	
"(ordioted);	
chiapolay Rolonce ();	
	_
7.	_
J.	_
public close export.	_
public static word moin Octoring [] orga) 1	
Sconnew Sconner = new Sconner (System in):	
ming =connect (sage a em. m.)	
Sov Accet soving & Account - new Sov Accet	
("Fortion" 123456789, 5000):	_
Source & August 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_
Sournge Account. display Balonce ().	_
Soving Account deposit Cloop.	_
Saving Account. Compute Interregt ()	_
saving Account. withdown (2000).	_
	_
Commacut consient Account = new Commacut C Forhoris	_
9374321, 1500);	_
Consient Account display Bolonce 1):	_
consent Account deposit (500):	-