

Assignment- 12 Subject- Java SE Programming Lab

Submitted By:

Submitted To:

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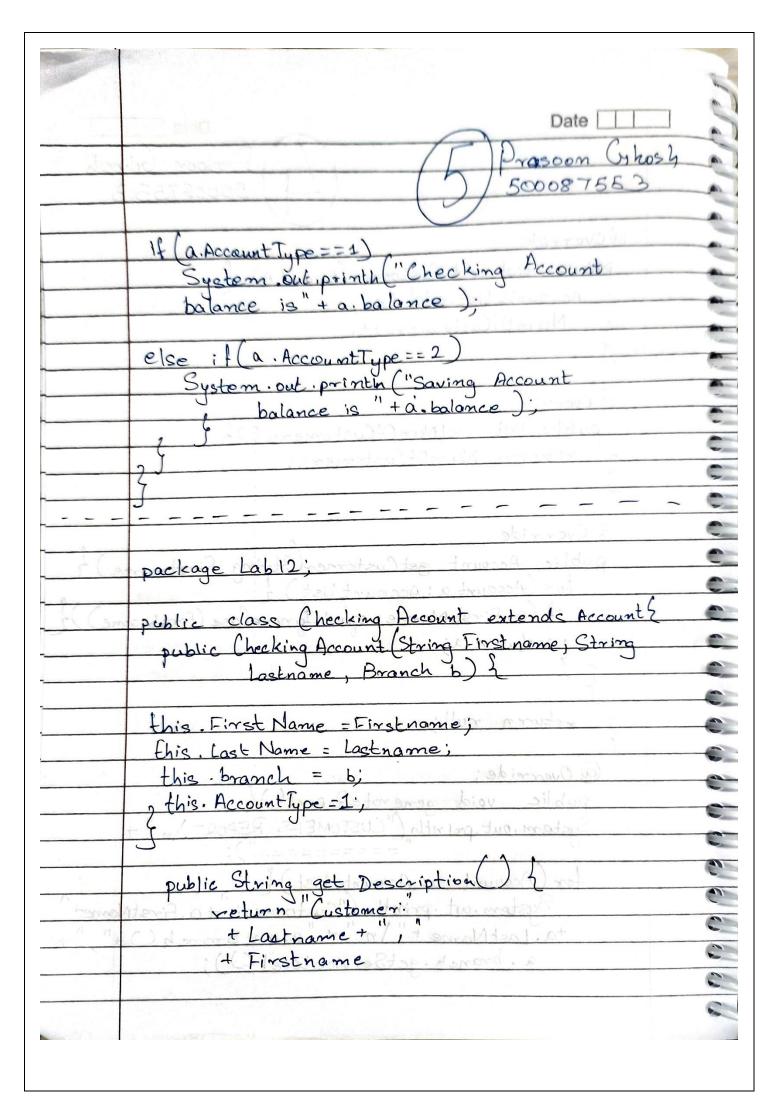
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ipts.	Experiment-12 Prasoon Gilosh 8000 87553
Q	package Lab 12;
	Enum Branch? LA ("Basic") BOSTON ("Loan"), Bangalore ("Full"), Mumbai ("Full");
	(" Full ") Mumbri (" Full");
	Tall / I winder
1112	String service level; private Branch (String service level) L
	Private Branch (String service (cue) /2
901	2 this service Lovel = service level;
4	C 21 1 D 1 2-1 S 1 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2
	public String get Service Level () 2 > return service Level;
	return service Level;
	7
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	Rest of the second seco
	52 = B 114
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	131 = 1

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<u> </u>	
~	Package Lab 12; //get Balance (), deposit (), withdraw (), and get
0	Description ()
•	public class Account 2
3	public String First Name;
3	public String lastName;
2	papie 30.1.
	double & balance;
2	public Branch branch;
>	public int Account Type :
3	
3	public String to String () }
3	
3	neturn "Current balance is + balance;
4	4
	public Branch get Bronch () 2
	return branch;
3	4
)	\(\frac{1}{2}\)
>	
)	
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)	
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21 -01	Drason Ghosh 500087553
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	Deal 1.1.10:
	Package lab.12;
	public interface Bank Operations
-	partice merale participation of the participation o
	// getNum Of Customers(), and gotCustomer()
	void add Customer (Account a);
	int get Num Of Customers ()
	Account get Customer (String Fistname);
	noid generate Report ();
	2 VOID GET GET TOUR SINGLE SUIDE
)
	package Lab 12; somolod transmit mouton
	package tabiz
	import 1010 uti) Array list.
	import java util . List;
	Named water and
	Package class Bank implements Bank Operations 2
	1
	private List (Account) Account List;
	static int NumOfCustomers;
	Duble Book () 2
	this , Accounts List = new Array List <7 ();
	}
	

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~	300001333
	@ Override
	public void add Customer (Account A) {
	Accounts List add (A);
	Num Of Customers++;
	L Nam Of Cheto mers 1.
3)
>	Qoverride
3	Public int getNumOfCustomers ()2
>	return NumOfCustomers;
	4
nnnnnnnnn	
3	@ Override
	public Account get Customer (String First name)?
	los (Account a ' Account list) 3
3	if (a. First Name. equals Ignore Case (Firstname))?
3	return a;
3	7 7
	}
3	g roturn null;
5	
3	@ Override;
	System.out.println("CUSTOMERS REPORT \n"+
	System.out.println(CUSTOMERS REPORT In +
	=======================================
	for (Account a: Accounte List)?
	System.out.println ("Customer: + a. First Name"
	System.out.println ("Customer:" + a. First Name" +a. Last Name + " \n" + "a.get Branch () +" "+ a. branch.get Service Level ());
	a. branch.getServiceLevel ();
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>	Prasoon Chush
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5	+" In Branch: " + branch + ","
5	2 + branch . get Service Level ();
5-	5
5	/ 2 C
-	public double getBalance () { } return balance;
	¿ return balance;
2	
~	public void deposit (double amount) }
2) balance + = amount;
2	J (1 1) a compart) 3
2	public roid withdraw (double amount) }
>	b alance = amount;
3	3
3	$S_1 = S_1 = S_2 $
>	public String to String () 2 return this getipscription ()+ "Checking
3	2 Account balance is "+ balance;
3	2 Account balance is Thousance
>	7
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The second secon	
package Lab 12;	
P	
class Savings Account extends Accounts 2	6
public Savings Account (String Firstname String Lastname, Branch b) {	2 /
String Lastname, Branch b) 2	6
this, First name 18 strains,	0
this. Last name = Last name;	€,
this branch = b;	•
2 this Account Type = 2;	
	•
Public String get Description () 2	•
return Customer	•
+ Last Name (+1", "int	
+ First Name + sy gampled trusped to	
+ "\n Branch: + + branch+","	
2 + branch get Service level ();	
J	
public double getBalance() { yreturn balance;	
j return balance;	
public void de posit (double amount) { public void de posit (double amount) {	
balance += amount	
4	

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3	Data CTTT
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>	, 15
>	public void withdraw (double amount) ?
3	2 balance -= omount;
	5
	public String toString () 2
	return this get Description () + Saving
3	Account balance is " + balance;
	2
	1 2
	3
	Package Lab 12;
	public class main 2
	Public Static void main (String [] args) { Bank bonk = new Bank ():
	Sanings Account SA1: new Savings Account ("Smith" "Will" Branch. Mumbai);
500	SA1 deposit (20000):
	SA1. deposit (20000); bank.add Customer (SA1);
1960	bank. add Customer (new CheckingAccount ("Cooper") - "Bradly", Branch. BANCLLORE));
700	"Bradly", Branch. BANCy LORE));
30	bank. Odd (ustomer (new Savings Account ("Simms, -
	"Jane", Branch BOSTON));
3	
	bank.generate Report(); bank.get NumOfCustomers();
2	bank.getNumOfCustomers();
=	-
2	

