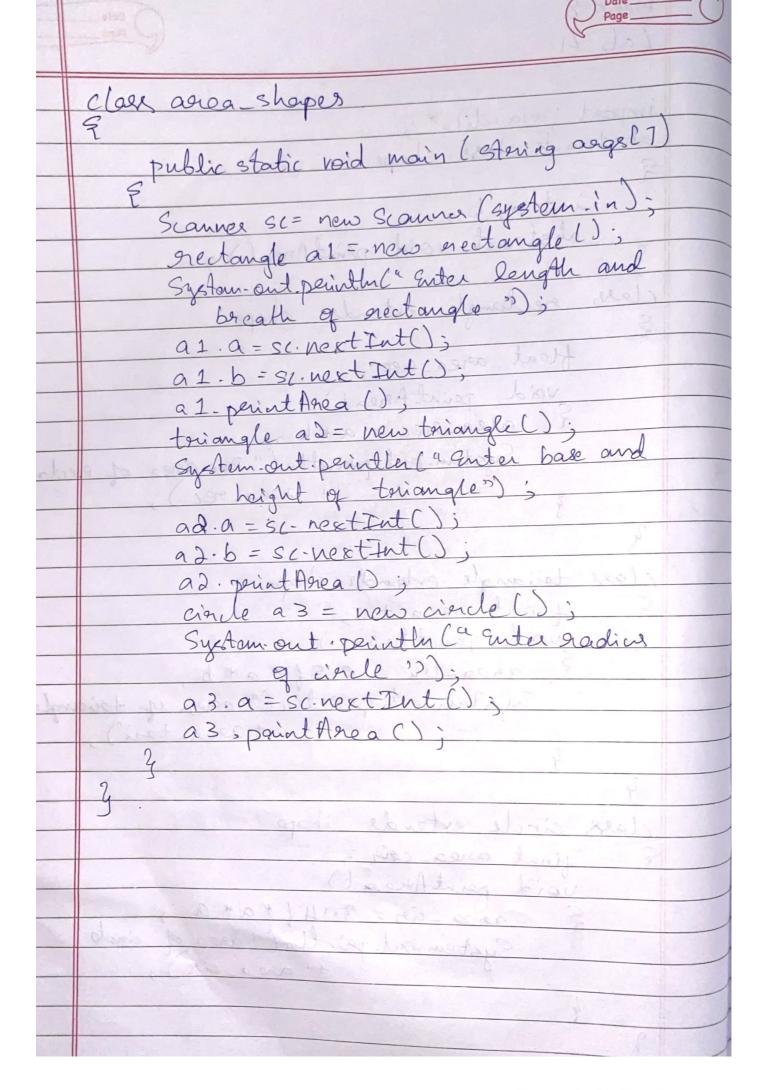
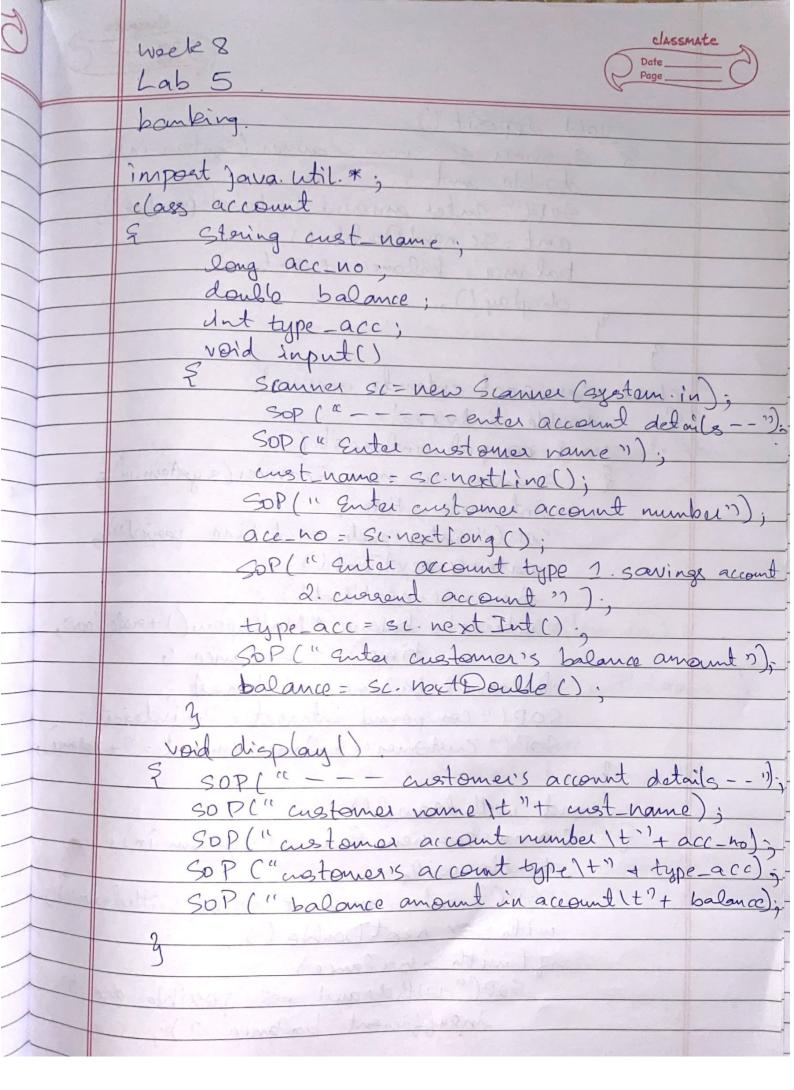
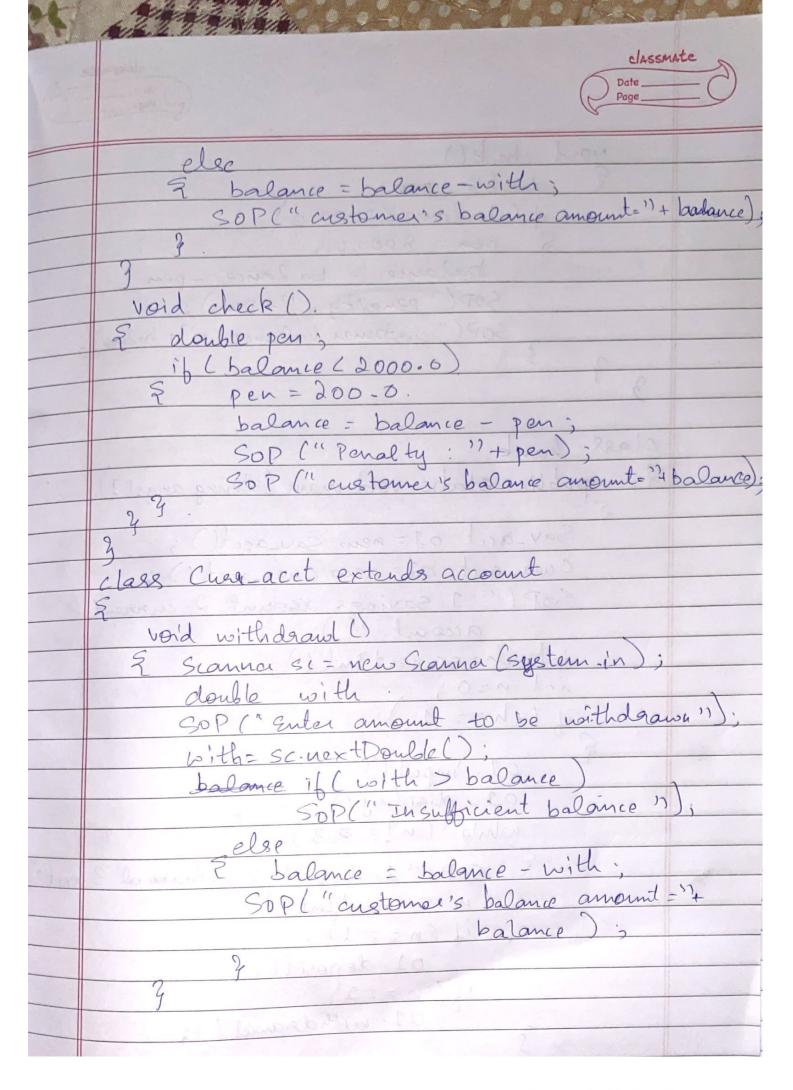
classnate	2
Week-8.	<b>-</b> C)
Lab 4.	
1.7 **	
import java. util *.	
abstract class shape	
2 1 1	
inta, b;	
abstract void print Anea ();	
Call All Mark Addition delicated that applicate	
class rectangle extends shape	
5 11 t	
float agea_alec;	
void point Area ()	
E alea-rec = a x b;	
System out paintly (" Bos area of one	tangle
= "+ avea_sec);	- U
1 Color State Color 13 - D. So	
3 (Otto Etxon variables	4
class toriangle extends shape	
E float area tri;	
void peint Area ()	
{ area-ton = 0.5f * a * b;	
System out perintly l'agrea of towar	gle = ")
tarea-teri).	0
4	
4	
class cincle extends shape	
E float area-cria;	
void point Area ()	
Sold point the a co	
\{\arga - \arga - \arga = 3.14 \{\pi a \arga a \\\\\\\\\\\\\\\\\\\\\\\\\\\\\	_ 3)
System-out. paintle (" area of circlo:	
t area_cir);	
9 9	





E Scanner 30 = new Scanner (system.in); Sopl" anter amount to be deposited"). amt=sc.nextDouble (); balance = balance + ount 3 display (); clase savacet extends account double interest void compute interest { Scanner &c = new Scanner (system.in) = int sate, time; Sop (" Enter grate and time period") oate = Sc. next. Int (); time = SI-next Int (): interest: balance & Math. pon (1+ grale /100.0), time) - balance balance = balance + interest SOP (" compound interest = "+ interest) = SOP (" customer's balance amount = " + balance void with drawall Scanner Sc= new Scanner (Systom in); double with SOP (" Enter amount to be withdrawn"); with = Sc. next Double ( with > halance SOP (" with draw! not possible due to insufficient balanco ?



```
void check()
         if ( balance (2000.0
          pen = 200.0;
           SOP ("penalty: ") + pen);
SOP ("customer balance = ") + balance);
class bank.
   public static void main (storing args []
      Sav_acct o1 = new Sav_acct()
      Cura-aut od = new Cura-acet() à
      SoP (" ). Savings account 2. current
      int ch=sc.nex+ Int ();
      int n=0;
         01. input();
         01. display ():
         while (n = 33
            SOP ("1-deposit 2 withdrawal 3 exit)
             n=Sc.nextInt();
             if (n = = 1
                01. deposif
                01, withdrawal
        01. check ();
```

	,
Page	
else if (ch == 2) S pd.input();	
else if (ch == 2)	
02-display();	
while (n!=3)	1
E sop (" 1. deposit 2. withdraw 3. exit")	)-
n=sc.nextInt();	
$i_{1}(n=1)$	
od. deposit();	
if(n==2)	
02-withdrawal();	
3	
oa, check ();	
4	
else	
SoP/"Invalid choice");	
1 Total Tribution	
y	
2	
J .	