Week - 8

```
import java.util.Scanner;
import java.lang.Math;

Class account
 {
    String name, type, acc.no,
    double balance;
void deposit()
 {
 Scanner get = new Scanner (System.in);
double dpo;
 System.out.println("Enter the deposit");
   dpo = get.next double();
   balance = balance + dpo
 }
  void withdraw()
  {
   Scanner get = new Scanner (System.in);
double withdraw;
System.out.println("enter the amount to with
  -draw;" + balance"));
withdraw = get.nextDouble();
   balance = balance - withdraw
System.out.println("Balance:" + balance);
  }
  }
  Class current extends account
```

```
{
boolean cheque = true ; double int = 1 ;
void displ()
{
System.out.println("Balance :"+balance); }
void create()
{
scanner get = new scanner(System.in);
system.out.printin("Name:");
name = get.next();
type = "current";
System.out.printin("Account no:");
acc no = get.next();
System.out.printin("Balance:");
balance = get.nextDouble();
}
void calc int()
{
double interest;
scanner get.new scanner(System.in);
System.out.printin("enter time:");
int time;
time.get.next Int();
Interest = balance * Math.Pow((1+inter/100), time)-
Balance);
System.out.println("interest:"+interest);
balance = balance + interest;
System.out.println("Balance:"+Balance);
}
}
Easy bank
```

```
{
Public static void main (String args[])
 {
 Scanner get = new Scanner (System.in);
  String type;
 Sav_acct acs = new Sav_acct ();
 curr_acct accy = new curr_acct ();
 System.out.println ("enter type of account
          :Current saving");
 type = get.next ();
  if (type.equals ("Current"))
  acs.create ();
  else if (type.equals ("current"))
  acr.create ();

    int ch;
 do
  {
   System.out.println ("\n1. Deposit \n2. Diff
          balance \n3. Deposit interest \n4.
        withdraw \n5. check \n6. cheque book
        \n7. exit");
 switch (ch)
  {
  case 1 : if (type.equals ("savings"))
      acs.deposit ();
 else
  acr.deposit ();
  break;
```

Case 2 ; if (type.equals ("saving"));

accs. dispblnc ();

else

~~accr~~ accr. dispblnc ();

break;

Case 3 : if (type .equals ("savings"))

acc. calcint ();

else

system.out.println ("This account does not have provision");

break;

Case 4 ; if (type.equals ("savings"));

accs. withdraw ();

~~th~~ else

accr. withdraw ();

break;

Case 5 : if (type.equals ("savings"))

System.out.println ("this account does not have this provision");

else

accr.check ();

break;

Scanned with CamScanner

```
case 6 : if (type.equals("Savings"))
System.out.println("This account does not
have this provision");

else
System.out.println("This account does have this
provision");
break;
default : if (ch!=7)
System.out.println("Enter the valid
option");
}
while (ch!=7);
}
```