```
18m19cs 211
Java las program 3:
import java. Util. *;
       String name, author;
       Scanner in = new Scanner (systemin);
         300K() {
           System. out print In [" Enter name of 6001: ");
          name = in nextline ();
           System. or + . print In ("Enter name of author: ");
           author = in nextline ();
            System at println ("Enter price: ");
           price = in next Double ();
          System out print In (" Enter no of pages:");
           num-pages = in-newIn+();
        Void Show (1 5
        System. at. println (" Name: " + name );
       System. out . prontin (" Author:" + cutter);
       System at printh ("Price:" + price);
      System-at-printin ('No. of payer:" + no-gager).
    pubic String to String () {

neturn name t "By" + author t the Rs." tprice t

"and har" + num - pager + "pager" );
```

```
Static void main (string [] angs) ?
Scanner in: new Scanner (system: in);
 System-art-print In I"Enter no- 9 600xs: ");
    n = in. next Int ();
  BOOK B[] = new Book [n];
 for (mt i=0; izn; itt) {
      System. at printin l"Book" + (it));
      Stil: new Book;
       System. at. pintin (1;
 for (m+ 1:0; 12n; 1+1) {
     System-out-printly 1 "Book" + (i+1);
    System. at- print In (Bti]);
    3 System. and printin();
System. out-println ("Enkn the book no. whose
     de fails you want to display: ");
       2 zin next Int ();
       3 while (x <1 &1 x7 n);
         B[z-1]. Show();
```

## Java 196 Program 5

import java. v hil. t.,
import java. v hil. t.,
import java. lang. t.,
class Accant &

String name, abc;

chan actype; double bal=0; double depusi+;

Sconner in = new Sanna (System in);

Void input-data () {

System: art.pnim/ln ("Enkn your account type (5/1):");

OSC: in. next/mo();

actique = abcichanAtio);

3

void deposit () &

System. at printly ("Enter an amant to Leposit: ");

deposit = in. next Double();

balt= deposit.

System. ent. printle ("Balance has been updated."/

3

void view balance (15

System. wt. println ("Balance : " +6al);

3

```
public state void main (string[] angs) &
Scanner S: new Scanner (Systemin);
   Account al = new Account ();
     al- input_date();
    if (al. accType == 'c' 11 al. accType == c') $
      Consent az : new ament ();
     do
        System . cut-println ("Welcome to your current
                   account "/
     System. at-prin+In("1. Depusit");
     System. art. prm+ln (" 2. Check Balance ");
     System out printin ("3- Issue Chaque");
     System- at-printin ("4. Exit");
    System. out-promotion (" Entryour choice: ");
      Z: snextInte);
       Switch (x) {
          Case 1:
            G2. deposit (1.
          Gneak;
         cest ?:
          az. Check-bolance ();
           Greak;
          Ce18 3:
          az. issue - Chequel );
             BACOK
```

```
ase 4:
   System. exit 10/1
   Sneak.
 detault:
    System. aut. printin ("Emon. Invalid choice.");
 while (x (>441 x7=1);
3 else if (al. acc Type == 's' 11 al. acc Type == 's') &
   Savings 03 = new Savings();
        do €
         System. cut. print In (" Welcome to Your
                Sannys account "1.
         System- at printle 1" 1. Deposit"/;
          System-cut-printin (" ). View Balance "1;
         Syspem-arl-prontln (" 3. withdraw"),
          System-cert primilin 1"4. Calarlate az "1;
         System-aut-printin (" 5. Exert ");
         System at - print in 1" Enter your chaice ");
         X: Sincoint (1;
         Switch (1) 5
         Case 1:
            03. deposit(1;
            Sneak,
           Case 2
           a3. view-balance ().
           Sneak;
           Clese 4;
            as. compok - (I ();
```

brak,

```
case 5.
         System. exit(0);
         Greak ;
        default:
         Sy stem at printle ("Enon!");
     3 colite (x == 5 (+ x 7=1);
        Syskin at pinth ("Invalid account type");
  Class Cument or kinds Auaint &
   Cument () {
     system. out printen ("Enter you name s");
     name = in next ();
     System at grintle (" Enta you acc. 10. : ");
     accNo: in next Int();
duble chy_ amount;
  Void issue-cheque (1)
   System-aut-println (" Enter amount for which chaque is to
    he 131 ved . ");
  Chq - amaint = in . next 2005/e ();
     if (chy-armount 7501) 5
        System out print in (" Ena! Insufficient balance")
      3'else &
               691 -: chq-amaint;
    System out printly ("Eleque you seen issue & successfully")
```

```
void Cheer-Salance (18
          7 (5a1 < 1000) {
           System at profin (" amout balance is lesser than
              required Salance. "1;
             Gall = 100)
           System · ard printles (" Sesura chay & Rs. 100 has been
             deducted from your balance. ");
            Virw- Galance ();
       Savings extends Account S
class
      darble CI, withdraval-amount, time;
     Saving ( / ?
          System aut promotor ("Ent you name:");
          rame = mein nextline (1;
        System at printle l'Enk you account no: ");
        GecNo: in next Int();
          deposit (1;
          Noid campute_(Il) {
          System. cut. print In [" Enter from pair d in years: ");
           time = A. next Int ();
         CI = 6al * math four (1+10.08/12), 12 * fine) - 6al;
           System at pindla (* CZ = "+CI");
          6al + = CI;
           System-art-println ("CI han been deposited");
```

void withdraw - Glarice () & System . cut-printle 1" Enter the amount you want crithdiau: "); cuithdrawl-amant = in. nextDorble (); if [with Lawol\_ amant 7 501) } System-at-puntin ("Enas! Amant greak than avilosite 3 ein & 501 - = with drawl-amount; John out-println ("Ament withdrawn successfully!")