```
Assignment -1
    Student Grading system;
(1)
      import java-util +;
        Public class system &
        Public Static void main (String [ ] args);
              scanner sc = new scanner(system in)
               string Grading;
              902
               S. O.Pl"Enter the student's score);
               int Score = &c - nextante);
               string grade;
               if( score > = 90) {
                    grade = "A";
               else it (score > = 80) {
                    grade = "B";
                3
                esse it ( score > = 70){
                        grade = "c";
               case it ( score > = 60){
               grade = "o";
                 3
                else s
                        grade="F"j
```

```
S.O.P("Grade"+grade);
          S. o. P("Do you want to enter another score ) ( Yes ) NI
                Grading = scanner-next();
             3
             while ( Grading . equals ignore case ("yes"));
          3
    output :
      Enter the students Score: 85
         Grade: B
       po you want to enter another score of (Yes/No); No
number truessing trame.
 Package pratice;
 import Java. Util - Randomy
 import Java - Util · scanner;
 public class saveethas
   public Static void main (string [] args) {
        scanner scanner = new scanner (system in);
         Random Random Enew Randomes;
            boolean Play Again = true;
         while(play Again) 5
         int number to Guess = random nextent(10)+1;
            int max Attempts = 3;
            boolean has orvested correctly = false;
          5.0. P( "welcome to the number Guessing Games")
```

```
5.0. P ("Guess the number blw 1 to 10 - You have ti + makattemps +"
for (int attempt = 1; attempt 1= max Attempts; attempt) }
                   attempts ");
         S.O.P ("Attempt" + attempt+";");
         int player avess = scanner. nextant();
         if ( player civess & number to guess ) {
               5.0.P(" TOO 10W:");
        selse: + e Player Gluess 7 number to Quess) }
              5.0 PL " TOO High.");
          3 elses
         S. o.P.C" correct! you guessed it in" tattempt"
                                  attempts - ");
       has Guessed correctly : true;
        break;
       3
  if(! has Gressed correctly)s
       S-o-P("sorry , you're used all your attempts
                   The correct number was "+number 18 ava)
      3
     5.0.p ("Do you want to play again ? (Yes/No);");
     string response = scanner - next() · trim(). tolower (a) e)
     if ( ! response = equals ("yes")) }
              PlayAgain = false-
```

```
5.0 P(" Thank you for playing!");
  3
  OIP-
    Attempt 1:6
      700 10 W
     Attempt 2: 8
       T00 10 W
    Attempt 3: 9
    correct 1 you guessed it in a attempts.
MultiPlication Table -
  import Java-Util-Scanner;
     public class saveetha ;
     Public static void main (string[] args) {
     scanner in put = new scanner (system in);
     int ni ilti
      t= input -next = nt();
      n= (nput next 2ntl);
       for ( i = o i i LED; i+t) {
           S. O . P(+ +"+"+ : +" = "+ + + ; );
 2
  n= 6
```

```
2×1=5
                   2 = 2 = 72
   2 x 2 = 10
                   2 x ( = 30
   1 = 3 = 15
   7 4 = 20
even and odd number counter:
  import Java- util-scanner;
    public class charans
     public static void main (string (7 args) {
      scanner input: new scanner (system "in);
        int n / ec=0; oc=0/;
         n=input nextantc);
         intarre)=newint[n];
         arr[i] = input-nextint();
         forci = 0; icn; i+t) {
             i+[arr L:70/ 2==0)
               ec++i
           3 else s
                  oc++;
            3
          3
       s.o.p( "even count is? + ec);
       S.O PL' odd count is: " toc);
   3
D: N=3
   12 34 56
  event count is; 3 odd count is: 0,
```

```
simple ATM simulation:
import Dara Util-sanner;
     public class charans
       public static void main (string [7 args) &
             Scanner input = new Econner ( system in )
                 double bollance = 1000.0;
                   boolean trunning = true;
            while (running) &
               50-p("Menu");
                5.0 PC" 1. check balance ");
               5.0.P(" 2. Deposit Money 4);
                S.O.PC" 3. Withdraw Money 11);
               5.0 P("4. Ex : +");
              5.0. P ("choose an option (1-47:");
             int choice = input-nextint();
           switch (choice)
               case 1:
                5-0.Pl" current Balance: &" + balance);
                 break;
              case 2:
             S. D. PC 'Enter amount to deposit : &");
             double deposit = input - nert Double();
                it ( deposit > 0)s
                      balance + = deposit;
                  S.O.P ("Deposited: &" + deposit);
                  3 elses
                 5.0 'PL' Invalid deposit amount - ");
```

```
3
   break ;
use 3:
   S. O.P. L"Enter amount to withdraw: $");
       double withdraw = input nextoouble ();
           if (withdraw 20) 5
               it ( withdraw c=balance) &
                  balance -= withdraw;
             S.O.D C'Withdraw : & took dru);
              3 e le E
                S- OPL" annaid withdraway amount. ()/
             brak ;
         case y:
            5.0. p(1 exiting - 4);
              running = falle;
              break;
          default:
          5.0. Pl' Invalid choice please Enter a number
                                      New landy ");
             breaz;
        3
   3
```

estret:

ATM MENU!

1 check balance

2 - Deposit Money

3. withdraw Money

W. Exit

choose on option (1-4):1

your current balance : (: \$ 1000.0

choose on option (1-4):2

Enter amount to deposit : \$200

choose on ortion 11-4):3

Enter conount to windraw: \$100

Choose an option (1-4):4

Thank you for using ATM - Goodby el