

```
Char grade;
        11 (score > = 90) }
         grade = 'A')
        Bene it (score 1 = Bo) {
          grade = '8';
       Beise it (sore x = 70) {
        grade = 'c';
       Bene if (score ) = 60){
         grade = "0";
       Jeise of
        grad C= 'f';
    System . out . P tint ("Grade" + grade);
    System. out frint ("on you want to enter another score ('es/No:);
    Continue Grading = scanner. next ();
   ] while (continue Grading. eavaisignore (are ("Yes");
   Sanner Close ();
 se novio : 2 Number Guersing Game
 S Cenario ! A SIMPLE Number guessing Same where The Arogram
 randomy scients a number between I and 10 and given the payer
has to guess it. The player has Three attepts to quas The Howser
Correctly.
```

```
avortion! Implemation a Java Program After each improved questine
  produce in should provide a Hint (eg. Too high" correct" or too boot.
 TECT Case : ) Randown Non ; 7 2 Player input : 5,8,9
          3) exected out Pot! "Too low, "Too high "COVECT.
3) Additional Recurrichent ; if the Player fail to guess the Nouser in risce
 artempts. The Program should need the ofter to Play again wing a
 while 100P.
 import Java. Utiliscanner;
 Imfort Java. util. Random:
  Public Class Greasing Gone &
  Public static void Hain (string () angs) }
  Scanner sc = new scanner (system.in);
  Random rand = new Random ();
    string Play ABain'
     do q
      in number = rand next Int 60 +1;
       INT 1:0;
      for (163; 1+1) {
       System . out evint ("Gues (1-10)");
        int guesse scinertinterin
         if (queis = = number) {
           System. out . printint (core ct! Guessed in + (i+1)+"arraya);
            break ;
```

Quanic static did main Cair system. but . Print Int (gress < number? "Too low"! "Too long in ")". Sheet out print it (i = = 3) surrem out. print ("correct number: " + number). יה מאדיני System. act. Print ("Pay again?) (-ks/no):")" System play Again = sc next (); 3 while (Play Again . eaua) Ignore Case ("Yes"); sc. close co; 3) Scenario: 3 MultiPlication table Generator Management to the scenario: A school reauries a program to generatic and display nothiplication table for any number entered. Parties unto singly ((END E) PAVE) WIGH BIOV SHOW SITH 1) Ocare a Java Program ! That rakes a number as input and over a for loss to generate and print the Multiplication table for that number (from 1 to 10). a) Test care 1) Input ! 5 2) exected output Sx1= S , Sx2=10, Sx3=15, Cx10=50 3) Addition Recent Ment ! Modify The Program To allow The over To specific The dange of Hultiphilation Table (eg. from 2 to 10) Sol: inPort Java. Utir sanner; Poblic class HULHPlication Table }

```
reized owner Day
                                                       Additional Rea
                                                       ren From my
    Public Class Evenodd Gunt {
    Public static Void Main (string () args) {
                                                         PM
     Int () numbers = $ 2,3,4,5,69;
                                                            Impor
    int event count = 0, add count =0, even sun =0, oddsum=0;
                                                               20
    for (Int number: number) {
                             (Otal topo 02 = 9 Poor the
     it (nomberyz = =0) §
       Even count ++; Evensum + = number;
       add count 4+1, oddsom += noutber;
    3erse {
   system out . print ("even Count" , t even Count" sum: "teven som ):
   system out. Print ('odd cont" + odd cont" sum: " +odd+um);
  3 (not over the or to be a movement of the signer A
 Scenario & !- Simple Aim Simulator
 scenario :- simulate a basic Aim system where The user an Choose
 from three ottions : check balance derosite energy. Set to $ 1000
Questions 1- " vidence 4 and with or brokers also is no any
1) write a Java Program; Perform The appromiate action! Check
Balance dePosite Honey or withdraw Honey use a loop to allow
The wor to exist
D) TEST QUE 1
      at Initial Balance : + 1000
      * User Actions: Deposite $200 withdraw $ 150, Ones wante
```

```
pered output Dalance : $ 1050
a Additional Reauni Hents !- Encuve the Program preevents the
are from withdrawing Hore Honey Yhon the current bolonce
by distasing an error Hesage.
Import Dava. Util sanner;
Public elass. simple ATM ?
 Public startic void Hain (string () args) }
 scanner sc= new scanner (sycrem.in);
  int balance = 1000;
  While Ctrue) {
  System. out . Print Int (" Ches & balance " 2-Defoil + 3 with draw")
  Swit (conextIn ()) }
 Cale 1 -> System.out. Printin ("Balance: 4"+balance);
 Cole 2 -1 balance + = sc. next Int (1)
 Case 3 -> {
    in amount = sc. next = 11;
 if (amount <= bajance ) bajance = amount;
  else system. out. Print n1 (" Insufficient balance?");
 Case -> { SC. Close () , scruyn , 3
```