ASSIGNMENT-D

Java programming

Ain: To write a sava program for calculating students grade based on marks.

Pseudo code!

Step 1: - Initialise the variables.

Step 2: - get the input marks from the user.

step3: - Based on the marks category assign the

grade for eg if mairs 790 (grade=A).

step 4:- print the grade.

program;

import sava. util·scanner:

public class Grade C

public static void main (string [] args) {

scanner input = new scanner (system.in):

system. out-print In ("Enter marks:"):

int m= input next int (1)

char grade:

it (m >= 90)

grade = h';

else it (m290 & a m>=80)

grade = B';

eise it (m280 84 m7=70)

grade = c';

else it (m270 && m7=60)

```
grade = 'D';
      system. out printen ("Grade= "+grade),
sample output: enter marke: 74
                Grade = C
                             tor quess ing a
     To write 7ava program
     simple number between 1 and 10.
                    there is the desired of the desired
Pseudo code!
Step 1:- assign the variables.
Step 2: using random functions assign any
       number between 1 to 10.
Step 8: - ASK the user to quess that number
       given 3 chances to users.
Step4! - 2f number is smaller, greator or
       equal to print state ment.
steps: - It user lost print system quesed number.
program!
                       import java. util. scanner;
    public class number-quess {
       public static void main (string [] args) f
```

scanner input = new scanner (systemi n)

Random random = new Random ()

```
Aim: To write Java program for generating
     and displaying the multiplication table.
pseudo code!
Stepl: - Initialize the variables.
step2: get the input, numbers from the user.
step3: using for 100p generate the multiplication
        i with number.
                                     Table.
step 4: - display the multiplication
           Capite out " mining ino some
 program!-
 import java util scanner;
  public class mulz table &
      public static void main ( string [ ] args) &
  Scanner input = new scanner (system.in);
  System. out printer ("Enter number:");
   int a = input. next Int ();
  for (int i=1; iz10; itt)
   Esystemout: printen (a + "* + 1+ "="+a*i);
  4
sample output:
           number:5
                                5×6 = 30
                                TX7= 31
            5 * 1 = 5
             5*1=10
                                O4E = 3 42
             L* 3=15
                                5× 9= 45
             「米 4520
                                5 * 10 = 50
```

2x2 = 52

```
system out printen l'aguess any number bus
                      1 to 10:");
       int r= random . next Int (10)+1;
      int i'
     for (1=0; 123; 17+) &
      int a = input next Int():
      if crza)
       system. out println ("Too 1000);
     system, out print In (" Too thigh");
       & system. out. println ("you won"):
     cise
       system. exit (0);
   if (i ca) {

system. out. println ("in try again:"):
   7
1+ (17=3)
       system. out printen ( you lost in system. que-
                -s sed " fr. . + " better luck nex time");
 y
sample output:
  quess any number blw 1 to
    too high
   try again is
     -100, 10 W
    try again: 8
            tigh.
```

```
Aim! - To write Java program for even and odd
      counter.
 pseudo code!
step 9: - intialize the variable.
step 2: declare some number in array.
Step 3 !- check cach number is divisible by 2.
step 4: It divisible then it is even else it is
       odd number.
 program:
  import fava .util.scanner ;
     public. class even_odd_count &
    public static void main (string (3 arg 5) &
      scanner. input = new scanner (system. in):
      int CJ = & 2,3,4,5, 63:
      int ec =0,00=0;
 for Cint i=0; izailength; i++)
         ectt:
       erse
        t oc + 7 ;
     system. out · print. C'inumber of even num-
```

-ber = "tecd;

system. out : println ("number of add num-

-bers = " 4 C);

output.

number of even number = 3

a basic ATH system.

program!

Import java util scanner;

public class at mé
public static void main (string[] args) é

scanner input = new scanner (system. in);

in- i= 1000;

boolean ch= true;

while Coh) Since

system.out. println ("choose the oper min 1. deposit in 2. withdraw in 3. check bal in 4. exit);

int a= input. next Int();
if (a==1)

system. out printin ("toter the amount to deposit; ");

```
int d = input · next Int();
 int Edi
system. out print ("in Amount deposited succ-
                 resstully")
  eise if (a==2)
 & system. out. mint ("enter the amount
    withdraw: "3"
 int w= input nextInt();
  it (inition) and the time of the time
   in = = w '
system. out printen ("En sufficient balancein");
system. out printen l'Barance updated succes-
              - tully \n "):
  else if (a==3)
  system. out. printen ("in your. Balance."
                         +in+ " (n");
  3
  eise
   { system. out. print (" closing_...")
  system. exit (0);
 4
```

sample input!

Choose the operation 1. deposit

in the terretary of the house

3. check balance

4. Exit.

1) enter amount to deposit 1200

choose operation:2

enter amount to withdraw! 150

Balance updated succestuly.

Choose the operation: 3

Available Balance 1050

choose the operation: 4 closing - - 1/5" LA