```
Exp-no: 11 Demonstrate the working of June to
 Textise a word and winn assert statement
 for proof of value.
 Aim: To working a Junix assert statements
 by comparing the reversed value with expected
 one
 Program:
 import statio org. junit. AMERT. amert Equal;
 import java util. scanner;
 class somethatus &
       public static vold main (string[] orga)
      String st;
      char ch;
      Scanner sc = new Scanner (system.in);
      system out print (Enter a string:);
      sti = & nextline ();
      system. och . print en ("keverss og string: 1.7:
      (or (int 3: str. longth(); j>0; -- j)
 3
       System. out print (str. charat (5-1));
   amerk Equal ("mani", ser);
        and t Equal ("mani", sti);
 9
auput:
                        notwal output
       input
                          inam
        mari
```

Tut casu:

Test cost no : 1

Test cose name: Expected one same as actual one.

EVEN D WHILE a word 1000 throng the Prices

Experted courper Actual output Remarks
Import: Maria imam inam Success

Tur cake no: 2

Test case name: Expected one same as actual one

Inpot: amor Expected output Actual output Remarks

sign in all printing the

continue (the see)

rama rama success

ALIMINE SECTION OF THE SECTION OF TH

EXPro: 12 Write a white box testing code to string comparison of word and using award statement for proof the value:

Aim: To unserstained the working of Tunit assets statements by comparing two strings.

program:

import static org. junit. A Mert. amert Equals; import java, usi. Scanner;

public closs third & public statio void main (string to args)

2

Scanner in = new scanner (system in);
system our printer ("enter userna me:);

String str1 = in. nextline();

system out printen ("Re-enter varname;);

string str2 = in. nextline (),

anerotequals (str1, str2);

,

output.

Enter username:

Ame

Re Enter Warrage:

Experted output Actual output Result.

Ame Ame success

```
Exp. m: 13 Write a junil cod lor voting system and
   wer owners stadement and vertly for turing.
Aim: To understand the working of Juner
  True statements by checking the voting age.
  Program;
  import static org. junix. Assert assert True;
 import java-util Scanner;
  class jour ?
     public static void main (string[] args)
      int age, shit;
      Scanner scan = new Scanner Csystemin);
      System out printin ("Please enter your age:"),
      age = dan next Intly;
      11 Cage >100 &
          34xxm.oud. println ("welcome to voting system
 yo can voti');
      else {
           SMB = (18- agr);
      System. Out. Print La (" Sorry, you can vote
                                           after.
                   + short + "410-11"),
       CHAPT TYCH = (age == short)
```

993

output. Entry your agu 19
Welcome to voting system you can vote.

Sumple Peterson - says

pliane Enter your age: 15 brry, you can vote after 3 years

```
Exp. no: 14 Write a program to calculate simple
  interacst.
```

sim: To write program to cakulan simple interest based on percentage rath condition

program:

import static org. junit. Assert assert tou; import fora util-scannu; class inscrux &

public static void main (strings) args)

Scanner se = new boanner (systemin), Most P: screxipaxin;

ploor R = sc. nexteloancy, (loat T = sc. next Float ();

140at ST = (p+T+R) 100;

system out . Printen l'simple Interest = "+51)

ancet Trace (3600 == 51);

OA CHAIR (" SOID, OPU COM outputs.

600 600 (AND = ME) - VITT MAN

Simple Interest = 3600,0

H who mon have stated where to voting up 600 your early

> 60 5 me may med used

Simple Interest = 1080.0

```
Exp-no: 15 check withhat the given number is
      patindrome or rol and output value
   should vertey what box turing.
 Arm: To check whether given number is
      palindrome or not and verify white box
   turing
  program :
 import java ulie scanner;
 import static org. junit Amentament Trues;
 public warm pattrarome f
      public static void main ( string [] args)
           scanturin = new scanner (systemin);
           int r, sum = 0, temp; intn-innextink();
           temp = n;
           while (170) +
                 r=n/.10; n=n/10;
                 sum = (sum 410) +r;
           system. our. prinkln (1am);
           general (787 = = sum);
           il (+emp == sum)
                   System. out. printen (suma" is
                            paundrome");
            CUL E
                  System.out. printer (sum +" 12
                           not parindrome");
```

787 is pakindrome!

DO WALLOW C

import and stockarry

PURCHA

Morton

341 May May to the

341 is not paindyone

cusous years and investigations

Other Marie has work (wind El and

(Myselfy) puner, on a work (Myselfy)

the to them = at temp; but u- invertible ().

+ (OLV) MINO

(11 (at, was) - Luis

astem our prince (sum)