Demonstrate working of junit to revuse a work and using asset statement for prouf of value.

Ain: To understand working of Juint assate Statement by comparing reversed value.

import state org. junit. Asset asset Equals: im port jana. util. Scanner:

class saverta test'

public static void main/string (3 args)

string str!

for (inti = str. (egth () : 1>0; --1)

System. out. printlate. (har Allin);
assert Equels ("meni", str);

assert # nols ("mani", Str);

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6 wyput:

Input

mari

Actual output

inam

write while book testing code to string companies and using assert for proof the value.

BIM: To understand working of juick assert statements by companing two strings.

imposte chatic org. juict. Assert. asat Equals;
impost java. Util. _ Sama!

public Blass third {

public static void mais (string [] args)

{

Scanner in a new Scanner (system. in);

System out printly ("ater the user ane");

String stel = innerthine ();

System. out. println ("De entar war a me");

String str 2: in. rendline ();

assut Equals (stri, 5 tr 2);

3

enta usu nane production metals

Re enter user name

in all mately than it may be the

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Write junite code for noting system and was
      statement and varify
  Aim: To understand the working of sunit True
Statement and veryly white box testing.
  impost state og junit Assert asset me;
  impost your util scanner:
                              7 hout redo silding
   class four
                    (3 points) chain blow situates a starty
   public state void main (staing [] ergs)
            ew alternation ( "ates the way
   It see, shy;
 Leaner Scan : new Scenner (Systemin):
  System. ont. println ("please ente age");
   age = sen, ~ (motive (); sta , 142) also patroles
   if (age > = 10)
     Syptem- out printint conclone voting syptem you can vote)!
   Clse
         articles age jon old
       System. out prilits ("sorry you are not eligible")
       assur 7me (age == ships)!
     Output:
               enta your age
```

welcomes to voting system you can vote

```
ERP NO:14.
                 pro gram using furction to caludate simple
 interest.
                  program that calculate simple
    Alm: Wolle
intrate based on palertye sate.
     importe static org. Junit. AssatTre;
     Impost j'ava . util. sunner:
     Cless Intresent.
       4
          public state void main (stoing [] args)
                   charge and America
            Schmascanew sames (system. in):
            float P = le. rent float ();
          float R => C. nent Float (?!
          floor Tose, next Ploat ():
         System.out. printla ("simple interest : "+ SI);
            assert The (3600 ==== )",
          3
     output !
              600
              Simple interest = 3600.0
             Sylvery priet ( Land ) is policy
```

and the second of lather the confidence of

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r21

in an orbitled 21 13

```
Check whether give number is partial some or not and very the output values should varily using write box testing
```

palhdoone or not.

import gava. util. Scance;
import static org. Just Assert. assertanc;

public class palindrone

public ctatic word main (stoing args [])

Cancer in : new Scance (systems in);

The of sure of temp; int of since oxtlines;

temp = 0;

while (aro)

Y= 0 % 10, 00 0/10; Sum = (sum +10) + x;

System out print la (sua);
assettme (787=sum);
ill
Systemout. Print la (Bunt'is pulindrame')

elsely
System. and. privilla ("'not perindrome");
3

butput:

787 13 palidone numer