Se:- 11 Demonstrate the worthing of Junit to reverse a wond and using assert statement too Proof of the value To understand the working of sunit assert statements by composing the neversed value with expected one Imposit static org. junit. Assert assert Equals; imposit Java util . Scanner; class Saveetha Test public static void main (string [largs) later on on some blacks swhom would String dr; char ch; more of the state of the state of the Scanner so = new Sconner (system.in); System. out, point ("Enter a storing:"); str = sc, next line (1) System. out, point (n ("Revease of a staing "+str+" is:"); for (nt) = str. length(): >0; -i) System. out. point (str. chap At (i-1)) assert Equals ("mani", str); assert Equals ("mani", str); j

Output

Imput Adual out put

mani

lest mæs:

Test case no : 1

Test case name: Expected one Same as actual one

Input = man i

Expected output

Actual output

Remarks

inam

inam

Success

Test case no: 2

Test case name: Expected one same as actual one

Input = Amasi

Expected output

Actual output

Remonths

rana

FAILURE

Er: 12

White a white box testing code (junit) to storing Companison of word and using assert statement for Proof the Value

Ain: To understand the worthing of Junit assert statements by comparing two strings.

imposit static org. junit. Assert, assert Equals;

imposit sana util scannes;

public class third {
public static void main (string trangs)

Scannes in = new Scannes (system in);

System . Out , printly ("enter the user name")

string stri = in next line (1)

system out point in (" December the user name");

staing str2 = in. next. line W; assert Equals (str1, str2);

,

3

White a junit code too voting system and uses assert statement and venity the white box testing. Aim: To understand the mostling of Junit True statements checking the voting age. Import static org. junit. Assert assert True; Import Java. Hil Scanner, class tam public datic valid main (string Mangs) int age, shirt; Scanner scan = new Scanner (system.in); System and point In l'please enter your age") age = saan. neatIntly if (age >= 18) System-out point In ("welcome to voting system to can vote"); else ş shirt = (18 - age) System out point In ("Sory, You can note atter: " + shirt + years"); assert True loge=shit);

3 3 3

White a program using function to calculate the simple intersel. Suppose the outlomess is a senior citizen. He is being afterend 12 pencent rate of intenent; Jon all other constoners, the RoT is 10 pencent. The output values should verity using white box testing.

An: Unite a program that calculates the simple interset based on the pencentage nate conditions and venity the nesult using cultic class polyactions assert True exde.

Imposit static . org . junit . Assest . assest true; sallie shire vaid nour (stome Import Java. util . scanner; Signer in a new Scames (system is)

class intrest

public stotic vaid main (string I) args) qual po min line

(oin) statu Scannes Sc= new Scanner (system. in);

float P = Sc. next Float (); floor R = sc. next Floor ()

" fritter " aus) " float T = sc. neit Float ();

Hoat SJ = (P* T= R)/100; (11/12) alling las

System. out. por intly ("simple interset(an"+s Dis) will ()

(mps = qual) A. assert True (3600 == 51);

Splemed , with Come is polarbone number's): 3.19

System out, winter sun " is not polarione uniter "

Bap-15 Check the whether the given number is palindrome con not and venity the output values should venity using white bose testing Alm! To chark whether the given number is palindrome or not and verity the nearly using assert True code, -imposit Java Wil. Scannes Imposit static org. junit Assert. assert True; public class palin downe public static vaid main (storing angs[]) Scannes in = new scanness (system. in) intr, sum =0, temp; int n = int. next (); temp = n; While (nro) ર્ n=ny 10; n=n /10; Sum = (sum + 10)+r; system. out. paintln (sum); avent True (787 == sun); if (temp == sum) System. cut. paintly (sum + " is palindsome number"); else System. out. paintln (sum "+is not palindrome number ") z

Mobile a program to convert Decimal number equivalent to Binary numbers and octal numbers? The output value should verify using white bax testing?

Ain: To convent the decimal number to its equivalent binary number and actal number and the output values verified useing Assert code.

impost static org. junit. Assert assert true;

Impost Tava util sonna

class binasy with the

E public static void main (string [] ags)

{ Scanner in = new Scanner (systemin);)

ind cecimal = in. next Int ();

String bring = Integer - to Bingony Storing (decinal);

System. out pointly ("BINARY IS"+ binasy);

system. out. paint ("OCTALIS")

System out printly (Integer to octal storing (decimil))

assent Time (in == decimal)

, I me (600 kg