EXP NO:11

Demonstrate the working of Junit to severae a word and using assert statement for proof of the value

Am:-

To understand the working of Junity assert Bratements by comparing the several value with expected one

Import static void main (atring [] args)
Class saveetRa Test

s savee ha lest

public static void main (string[] orgs)

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fretz griretz

chay ch;

Scanner se = newScannor (system. In).

System. out . print " Enton a string: ").

Star = Sc. nextline ();

System. out. printle (4 Reverse of a

(" e') " + retet" (" i') (" + str. + " i') rot r(1--1) or (1--1) or (1--1) rot

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(1-1) threat in man ") eloup throws

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y assertEquals ("mani", sty);

OUTPUT

Input Actual Output mani inoum

Test Cases:

Test case no: 1

Test case name: Expected one same as actual one.

Input Expected put Actual Remarks mam mani

SWESS inam

ant retre (1) althing two agains

Darlton at liste printe

polom. est priptly (" Reenter the

of more store in nextlines. · Caste, lote) 2/00/23/2000 EXP No : 12

Ginut) about entract xod white box testing code (Junit) to string composition of word and and white of the yolue

Aim: To undorstand the working of Junit assert statements by compositing two statings.

import static org. Junit. Assert assert Equals.

Public class this &

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(ignorman) after some in the indirection of the printer enirgh of the printer enirgh of the printer enirgh.

(arte, 18te) shoup=House

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Write a junit oode for voting eysten and uses assert statement, verify the white box testing. To understand the working of Junit True statements by checking the voting import static org. Junit. Assert. assorthing. import java. util. Scanner; class four Public Static void main (string[] ares) int age short; Scanner scan = new Scanner (ayatem, in). system. out println (" please entenyour age). age = soun · nextInt(); (81=7 980) AI System. out . println (" Welcome to voting Bysten); Short = (18 -age); System. out. Delinthu ("Sorah" You can nate after: "A short + "years"). assert True (age == short). 333

Write a program using Function to calculate the simple interest. Suppose the customes is a senior citizen, the is offered to percent rate of interest; for all other customers, the ROI is 10 percent. The output values should verify using white box testing.

AIM:

Write a program that calculates the Bimple interest based on the percentage nate conditions and verify

the nexult using assest True code.

import static org. junit. Accord. assorthing import java. util. scanner.

public static void main (atring [Jargs)

scanner sc = newScanner (system; n).

Float P = sc. nextFloat().

Float R = sc. nextFloat().

Float T = SC. next Float();

Float ST = (P*T *R)/100;

System. out. println (SImple interest

= "+3T).

assert True (3600 == ST);

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EXP NO: 15 Check whether the given number is palindrome or not and verify the output values should verify using white box testing. AIM: To check whether the given number is palindrome or not and verify the nexult using assertTrue Code. import java. util. Scanner; import static org. junit. Assert assortTrue Public class palindrome public etatic void man (etaring args[] Jeanner en = new 2 canner (system . in). 9 nt 71, sum =0, temp; 9nt n = 9n. nextInt() temp = n; while (n 70)

n=n/10;n=n/10; sum = (sum # 10)+x;

System. out. println (sum).

Ossert True (787 = = sum).

14 (temp = = sum).

System. out. println (" is palindum")

elso

System-out-printly "Not palindrone"

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Write a priogram to convert decimal number equivalent to Binary numbers and octal numbers? The output value should verify using white box testing? AIM: To convert Decimal number to its equivalent binary number and octal number and the output values Verified using Assert code.

Import static org. junito Assert assert Trug import java. util. Scanner;

class binary

public static void main (staring [Jorgs) le seanner in = new Janner (system.in). Il decimal number Ent decimal = in. nextInt(): Il convert decimal to binary string binary = Integer. to Binary string (decimal);

> System. out. println ("BINARY is"+ binary).

11 convert decimal to octal

system. out. paint (" octal is "); System. out. parintln (Integer. to Octal stains (dec final)). Massert Equal ("1100", binary); assent True (IH = = decimal). 3. There to extraviore or import java util, scanner; (epost) eninte) nion bior sitore sildes (ni. motero) connoleuon = ni connor ; decimal numbers int decimal = in next. Int (). Il convert decimal to binary yoursal symplat a yound prints (Common) eviste 1. si y ame 1) altaing ho mot 2/18 labor of locinal travact