June 7 june 7 40 reverse a word assert statement for pos proof of the value. Aim! To understand the wolking funt ascert statement by comparing the reversed value with Expected of one import static org. junit Assert ossertsqualinport Java util scanners
Class Saveetha test public static void main (strl Jorgs) String str; char ch; 8 canner 8c=new Scanner (System.in). System. out. print ("Enter a string;").
Str = Sc. next line (); System out print ("Reverse of a string" + stris; for (int=str. length ():j>0;--j) System.out. print (str. cherAt(j-1)) assert Equals ("mani" str) assest Equal ("medni", sto)

Output Actual output Input lanm man? Test case! Test case no: 1 Test case name: Expected one same as Input=mani experted output Actual output inam inam Remarks Success Test case no: 2 Test case names Expected one same as actual once Expected output Actual output Input: Amar rama Remark FalloRE

Exprio: 12 a white box testing code (Junit) to string comparison of word and cising assert statement for proof the value. For Aim: To understand the wolking of Junit assest statement by comparing two string. impost static org. Junit. Assertaicest & impost Java. util. scanner, Public static class tarid? public static void mais (string [Jang Scanner in-new Scanner (system.in).

System out printing enter theuse name"). string str1=in. next (ine(); System.out. printingereenter the user name Di String strazin.nent line (); assert Equals (Sto1, Sto2);

EX PNO:13 write a junit code for voting system and users assert statement and verify the white box testing. A:m: To understand the working of Junit true statement by checking the voting age. import static.org. junit-Assert true; impost Java util. Scanner, Class four. public Static void main (string () ang) int age, shot; Scanner scan = newscanner (system, in); System. out. printin la please entergourage age = scan. next (n+1); if (age 7=18) system-out-printing welcome to voting System Youcan vote"); shote(18-age); system.out. printin ("sorry. you can ust after; "+ shr+ + "year"); arbert True (age = = short);

(xbNo;1A

write a program wing function to Calculate the simple interest suppose the customer is a senior citizen the is being offered 12 percent ret. of interesent for all other custom. the ROI is 10 percent. The output values should verify wing white bex testing APIMET write a program that calcular, the simple interest based on the per centage rate condition and verify the result using assert true code. import static org. Junit. Assertasserting import Java-util scanner chass intrest Public Static void main (strillarge) Scanner Scanner (cystemin). float pascinext-float() float R=SC. nextfloat(); float T=SC. next float(); float SI=(P*T*R)/100; System out print in Cimple interest 50.0000 = u+81); assert True (3600==5]);

EXPNO:15

Cluck whether the given number is palindrome or not and verify the output values should verify using white box testing. Aint To check whether the given num-ber is palindsome or not and verify the result using ascest True code import Java util . scanner; impost static org junit. Assertairest The Public class palindrome. public statiz void main (strongs(1) Scanner in == new scanner (system) int or, sum= o, temp; int no in next into temp ==n; while (170) ~=n°6010;n=0/10 Sum = (sum 10)+1 System out pritin (sum); assert True (787=5 um); if (temp==sum) System. out parintlatsum + "is palindrome num");

else

Cystem out print in (sum to i's
not palindrone no moer').

S

Exp No:16

write a program to convert decimal number equivalent to Bray
number and octal number? The
number and octal number? The
output Value Should verify white
box testing.

Ain! To convert the deelmal number to its equivalent binary number and the output and octal number and the output and octal number and Assert code. Value verified resing Assert code. Value static org. Junit Assert assert True; import static org. Junit Assert assert True; class binary

2 public static void main (stro Jarge) 2 Scanner in = new S Canner (systemin) int decimation neut int(); System. out. print in ("ISINARY IS"+ birary)

System. out print ("OCTAL IS");

System. out print in (Integer. to octal

System. out. print in (Integer. to octal

System. out. print in (Integer. to octal

String (decimal));

Cusser & True (14 == decimal)

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