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Check whether a string is a palindrome and replace all vowels in the palindrome string with your name.

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**PROGRAM**

import java.util.\*;

class Palin

{

public static void main(String args[])

{

String a, a\_rev = "",c="",name;

Scanner in = new Scanner(System.in);

System.out.println("Enter string ");

a = in.nextLine();

int length = a.length();

for ( int i = length - 1; i >= 0; i-- )

a\_rev = a\_rev + a.charAt(i);

if (a.equals(a\_rev)){

System.out.println("Entered string is a palindrome.");

System.out.println("Enter Name ");

name = in.nextLine();

for ( int i = length - 1; i >= 0; i-- )

{ c="";

c = c + a.charAt(i);

if ((c.equals("a")) || (c.equals("A")) ||

(c.equals("e")) || (c.equals("E"))||

(c.equals("i")) || (c.equals("I")) ||

(c.equals("o")) || (c.equals("O")) ||

(c.equals("u")) || (c.equals("U")))

{ c="";

c=c+name;

}

System.out.print(" ");

System.out.print(c);

} }

else

System.out.println("Entered string is not a palindrome.");

}

}

**OUTPUT**

student@administrator-HCL:~/Anand$ java Palin

Enter string

malayalam

Entered string is a palindrome.

Enter Name

anand

manandlanandyanandlanandm