

//Experiment 3c\_1: Program to check if string is Palindrome or not.

```
<script>
// function that check str is palindrome or not
function check_palindrome( str )
{
    let j = str.length -1;
    for( let i = 0 ; i < j/2 ;i++)
    {
        let x = str[i] ;//forward character
        let y = str[j-i];//backward character
        if( x !== y)
        {
            // return false if string not match
            return false;
        }
    }
    /// return true if string is palindrome
    return true;
}

//function that print output is string is palindrome
function is_palindrome( str )
{
    // variable that is true if string is palindrome
    let ans = check_palindrome(str);
    //condition checking ans is true or not
    if( ans == true )
    {
        console.log("passed string is palindrome ");
    }
    else
    {
        console.log("passed string not a palindrome");
    }
}

// test variable
let test = "racecar";
is_palindrome(test);</script>
```

### Output:-

