TERNARY OPERATOR

Problem 1:

Given a variable score, use a ternary operator to determine the performance level: "Excellent"" if score is 90 or above,

"Good" if score is between 60 and 89, "Needs Improvement if score is below 60.

Test Cases:

1. Input:score 95

Expected Output: "Excellent”

2. Input:score 75

Expected Output: "Good"

3. Input:score 50%

Expected Output: "Needs Improvement"

Code:
```
var score=59;
    score>=90?console.log("excellent"):
    score<90 && score>=60?console.log("good"):
    console.log("needs improvement")
   //output:---needs improvement
```

Problem 2:

Given a variable day, use a ternary operator to check if it's a weekend:

"Weekend" if day is "Saturday" or "Sunday"

"Weekday" for any other day.

Test Cases:

1. Input:day "Saturday"

Expected Output: "Weekend"

2. Input: day "Monday"

Expected Output: "Weekday"

3. Input:day "Sunday"

Expected Output: "Weekend"

Code:
```
var day="monday";
    day=="saturday"||day=="sunday"?console.log("weekend"):
    console.log("weekday")
     //output:--- weekday
```

<u>Problem 3:</u>

Given a string LaputString, use the ternary operator to check if it is a palindrome. A string is considered a palindrome if it reads the same forwards and backwards.

Output:"Palindrome" if the string is a palindrome, "Not a Palindrome" otherwise.

Test Cases:

1. Input: InputString = "madam"

Expected Output: "Palindrome"

2. Input: inputString = "hello"

Expected Output: "Not a Palindrome"

3. Input: InputString = "racecar"

Expected Output:"Palindrome"

4. Input: InputString = "world"

Expected Output: "Not a Palindrome"

Code:
```
var str = "madm";
    var isPalindrome = (str == str.split('').reverse().join('')) ?
    console.log("Palindrome"):
    console.log("Not a palindrome");
    //output:--not a palindrome
```

<u>Problem 4:</u>

Input: HELLO

Output:

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HELL

HELLO

Code:
```
var str="HELLO"
    var op=" "
    for(i=0;i<=str.length-1;i++){
    op+=str[i]
    console.log(op);
    }
```