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"`

 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"`

Problem 3

Given a string `inputString`, 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"`

Problem 4

Input: HELLO

Output:

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HE
HEL
HELL
HELLO

1.var score=10;

(score >=90) ? console.log("Excellent") : (score >= 60 && score < 90) ? console.log("Good"): console.log("needs improvments")

Answer: needs improvments

2.var day="monday";

(day=="saturday" || day =="sunday") ? console.log("its weekend") : console.log("its weekday")

Answer: its weekday

3.var input="hello";

(input=="madam"|| input=="racer") ? console.log("its palindrome"): console.log("its not a palindrome")

Answer: its not a palindrome

4.var str="HELLO";

var op=" ";

for(i=0;i<=str.length-1;i++){

   op+=str[i]

   console.log(op);

}

Answer: H

 HE

 HEL

 HELL

 HELLO