**Ternary Operators**

**1.Given a variable score, use a ternary operator to determine the performance level:**

var score = 90;

score >= 90 && score <= 100

? console.log("Excellent")

: score >= 60 && score <= 89

? console.log("Good")

: score < 60 && score >= 0

? console.log("Needs Improvement")

: console.log("Invalid");

**Input:90**

**Output: “Excellent”**

**2. Given a variable day, use a ternary operator to check if it’s a weekend:**

var day = "Sunday";

day == "Sunday" || day =="Saturday"

? console.log("Weekend")

: day == "Monday" || day== "Tuesday" || day == "Wednesday" || day == "Thursday" || day == "Friday" ? console.log("Week day"):console.log("Invalid ")

**Input: Sunday**

**Output: Weekend**

**3. Given a string inputString, use a ternary operator to check if it’s a palindrome.**

**A string is considered as a palindrome if it reads the string same forwards and**

**Backwards.**

var str = "madam";

var op = "";

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

op += str[i];

}

str == op ? console.log("Palindrome") : console.log("Not a Palimdrome");

**Input: madam**

**Output: Palindrome**

**4. Print the pattern using for loop.**

var str = "HELLO";

var op =""

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

op+=str[i]

console.log(op)

}

**INPUT: HELLO**

**Output:**

**H**

**HE**

**HEL**

**HELL**

**HELLO**