TASK-10

1.

Codes:

```
var score = 95;
                                       var score = 75;
score >= 90
                                       score >= 90
  ? console.log("Excellent")
                                         ? console.log("Excellent")
  : score >= 60 && score <= 89
                                         : score >= 60 && score <= 89
  ? console.log("Good")
                                         ? console.log("Good")
  : console.log("Need Improvement");
                                         : console.log("Need Improvement");
var score = 50;
score >= 90
  ? console.log("Excellent")
  : score >= 60 && score <= 89
  ? console.log("Good")
  : console.log("Need Improvement");
```

Outputs:

```
PS D:\23r\js> node Day9.js PS D:\23r\js> node Day9.js PS D:\23r\js> node Day9.js Need Improvement
```

Codes:

```
var day = "friday";
(day == "saturday" || day === "sunday")
? console.log("weekend")
: console.log("weekday");

var day = "sunday";
(day == "saturday" || day === "sunday")
? console.log("weekend")
: console.log("weekday");
```

Outputs:

```
PS D:\23r\js> node Day9.js
weekday

PS D:\23r\js> node Day9.js
weekend
```

3.

Codes:

```
var a ="madam";
var b ="";
for (i = a.length - 1; i >= 0; i--) {
    b+= a[i];
}
(a == b)
? console.log(`${a} is a Palindrome.`)
: console.log(`${a} is not a Palindrome`);
var a ="hello";
var b ="";
for (i = a.length - 1; i >= 0; i--) {
    b+= a[i];
}
(a == b)
? console.log(`${a} is a Palindrome.`)
: console.log(`${a} is not a Palindrome`);
```

Outputs:

```
PS D:\23r\js> node Day9.js
madam is a Palindrome.

PS D:\23r\js> node Day9.js
hello is not a Palindrome
```

4.

```
### Problem 4
Input: HELLO
Output:
H
HE
HEL
HELL
HELL
```

Code:

```
var str = "HELLO";
var op = "";
for (i = 0; i < str.length; i++) {
   op += str[i];
   console.log(op);
}</pre>
```

Output:

```
PS D:\23r\js> node Day9.js
H
HE
HEL
HELL
HELLO
```