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1. Check if a Number is Even or Odd
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Question:
Write a JavaScript program that prompts the user to enter a number and alerts "Even" if the number is
even, or "Odd" if the number is odd.Use the modulus operator % to check if the number is divisble by 2.

Input (via prompt):
Enter a number: 7

Expected Output (via alert):
"Odd"

Input (via prompt):
Enter a number: 10

Expected Output (via alert):
"Even"
```

Answer:

```
<script>
    var x =prompt("Enter a number :")
    if(x % 2 ===0){
        alert("The Number is even")
    }else{
        alert("The Number Is odd")
    }
</script>
```

```
2. Compare Two Numbers
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Question:
Write a JavaScript program that prompts the user to enter two numbers and alerts:

"Greater" if the first number is greater than the second,
"Equal" if both numbers are equal,
"Smaller" if the first number is smaller than the second.

Input (via prompt):

Enter the first number: 10
Enter the second number: 5

Expected Output (via alert):
"Greater"

Input (via prompt):
Enter the first number: 7
Enter the second number: 7

Expected Output (via alert):
"Equal"
```

Answer:

```
<script>
    var a = +prompt("Enter a First Number:")
```

```
        var b =+prompt("Enter the secound number")


        if(a>b){
            alert("greater")
        }
        else if(a==b){
            alert("Equal")
        }
        else{
            alert("Smaller")
        }
    </script>
```

3.

Answer

```
    <script>
        var age = +prompt("Enter your age:")


        if(age>=18){
            var license =prompt("Enter Do You Have A
Driving License(true/false):" );
            if(license == "true"){
                alert("you can drive")
            }else{
```

```
            alert("take the license not allowed to
drive")
            }
        }
        else{
            alert("you can not drive")
        }
    </script>
```

4.

Answer:

```
    <script>
        var x =+prompt("Enter a Number:");
        if(x>0){
            alert("positive")
        }
        else if(x<0){
            alert("negative")
        }else{
            alert("zero")
        }
    </script>
```