MERN STACK WEEK DAY - 4

Task: 31

Code:

```
let a=5;
let b=20;
let c=5;
console.log(a>b);
console.log(a<b);
console.log(a>=c);
console.log(a<=b);
```

Output:

false	index.js:4
true	index.js:5
true	index.js:6
true	index.js:7

Task 32:

Code:

```
let a="10"
let b="10"
console.log(a==b);//check only the value
console.log(a===b);//check both type and value
```

Output:

true	index.js:3
true	index.js:4

Task 33:

Code:

```
let str="Hello";
let str1="hello"
console.log(str==str1)
```

Output:

false   index.js:3

Task 34:

Code:

```
let a="10";
let b=10;
console.log(a!=b,a!==b);
```

Output:

false true   index.js:3

Task 35:

Code:

```
let a=null;
let b=undefined;
console.log(a==b,a===b)
```

Output:

true false   index.js:3

Task 36:

Code:

```
let a=prompt("ENTER A NUMBER : ");
if(a%2==0){
    console.log("EVEN");
}
else{
console.log("ODD");
}
```

Output:

ENTER A NUMBER :

7

ODD

Task 37:

Code:

```javascript
let a=10
//console.log(typeof a);
if(typeof(a) == "number"){

if(a>0){
console.log("POSITIVE NUMBER");
}
else if (a<0){
console.log("NEGATIVE NUMBER");
}
else{
    console.log("ZERO")
}
}
else{
    console.log("Enter a valid no")
}
```

Output:

POSITIVE NUMBER

Task 38:

Code:

```javascript
let age=prompt("ENTER YOUR AGE ");
console.log((age>18)?"Eligible":"Not Eligible");
```

Output:

ENTER YOUR AGE

23

```
Eligible                                    index.js:2
```

Task :39

Code: For validating a string variable

```
let msg="hi";
let res=((typeof msg!="undefined") && (typeof msg == "string"))?"String
variable":"Not a String variable";
console.log(res);
```

Output:

```
String variable                             index.js:3
```

Task 40:

Code:

```
let a=0;
(a>=0)?a=10:a=-2;
console.log(a);
```

Output:

```
10                                          index.js:3
```