MERN STACK WEEK 1 DAY 5

Task 41:

Code:

```js
let a=10;
let b=12;
console.log((a>0) && (a>b));
console.log((b>0) && (b>a));
console.log((a>2) || (b>4));
console.log(!(a==b));
```

Output:

false		index.js:3
true	.	index.js:4
true		index.js:5
true		index.js:6

Task 42:

Code:

```js
let a=4;
if((a==1) || (a==2) || (a==3) || (a==4) || (a==5)){
    console.log("The no is within the range");
}
else{
    console.log("Not in the range");
}
```

Output:

The no is within the range	index.js:3

Task 43:

Code:

```js
let a=true;
console.log(!a);
```

Output:

false	index.js:2

Task 44:

Code:

```
console.log(false && true);
console.log(true && true);
console.log(true || false);
console.log(true || true);
console.log(!true);
console.log(!false);
```

Output:

false	index.js:1
true	index.js:2
true	index.js:3
true	index.js:4
false	index.js:5
true	index.js:6

Task 45:

Code:

```
let a=10;
let b=12;
console.log((a>0) && (a>b));
console.log((b>0) && (b>a));
console.log((a>2) || (b>4));
console.log(!(a==b));
```

Output:

false	index.js:3
true	index.js:4
true	index.js:5
true	index.js:6

Task 46:

Code:

```javascript
function sum(a,b){
    return a+b;
}
let res=sum(2,3);
console.log(res);
```

Output:

| 5 | index.js:5 |

Task 47 :

Code:

```javascript
function area(len,bre){
    return len*bre
}
let res=area(2,3);
console.log(res);
```

Output:

| 6 | index.js:5 |

Task 48:

Code:

```javascript
function area(){
    console.log("HELLO");
}
area()
```

Output:

| HELLO | index.js:2 |

Task 49:

Code:

```javascript
function a(){
    return
}
console.log(a());
```

Output:

| undefined | index.js:4 |

Task 50:

Code:1

```
function a(name="hi"){
    return name
}
console.log(a());
```

Output:1

.

hi   index.js:4

Code 2:

```
function a(name="hi"){
    return name
}
console.log(a("john"));
```

Output: 2

.

john   index.js:4

Task 51:

Code:

```
let greet=(name)=>{
return "Hello,"+name+"!";
};
console.log(greet("Chan"));
console.log(greet("John"));
console.log(greet("Gowtham"));
```

Output:

Hello,Chan!	index.js:4
Hello,John!	index.js:5
Hello,Gowtham!	index.js:6

Task 52:

Code:

```
let greet=(a,b)=>{
return a+b;
};
```

```
console.log(greet(2,3));
console.log(greet(5,5));
console.log(greet(8,8));
```

Output:

5	index.js:4
10	index.js:5
16	index.js:6

Task 53:

Code:

```
let isEven=(a)=>{return (a%2==0)?"True":"False";}

console.log(isEven(4));
```

Output:

True	index.js:3

Task 54:

Code:

```
let maxValue=(a,b)=>{
    return (a>b)? a:b;
}

console.log(maxValue(4,10));
```

Output:

.

10	index.js:5

Task 55:

Code:

```
let myobject ={
prop : 10,
multiplytraditional(parameter){
console.log(this.prop*parameter);
},
funa:(parameter)=>{
// console.log(typeof prop ,typeof parameter)
```

```
 console.log(myobject["prop"] * parameter);

}
};
myobject.multiplytraditional(4);
myobject.funa(4);
```

Output:

40	index.js:4
40	index.js:8