PRACTICAL 1

TASK 1

Task 1: Display Student Info
- Prompt the user for their name and address using prompt().
- Show the name and address using alert() and log it using console.log().

```
> let name = prompt("Enter your name:");
  let addr=prompt("Enter your address: ");
  alert("Welcome, " + name + "Your address is " + addr);
  console.log("Student Name: " + name + " Address: " + addr);

  Student Name: Manasvi Puranik Address: Nagpur, Maharashtra    VM546:4
```

TASK 2

Task 2: Console and DOM Practice
- Add a button.
- On click, log a message to the console and change text in a <p> tag.

```
    <p id="output">Original Message</p>
<button onclick="updateOutput()">Click Me</button>

<script>
function updateOutput() {
console.log("Button clicked!");
document.getElementById("output").innerHTML = "Updated Message!";
}
</script>
```

Original Message

Click Me

Updated Message!

Click Me

NAME: Manasvi Puranik
PRN: 23070521090
SEM V B1

TASK 3

Task 3: External Calculator Script (concatenation)
- Create an HTML file that takes two strings as input.
- Link an external JS file that concatenates them and displays the result in the browser.

```html
<input type="string" id="a"> +
<input type="string" id="b">
<button onclick="concatenate()">Concatenate</button>
<p id="result"></p>
<script src="conc.js"></script>
```

```javascript
function concatenate() {
let a = document.getElementById("a").value;
let b = document.getElementById("b").value;
document.getElementById("result").innerHTML = "Concatenation: " + (a + b);
}
```

| Manasvi | + | Puranik | Concatenate |

Concatenation: Manasvi Puranik

PRACTICAL 2

a) Array Destructuring

```
const colors=["Red","Green","Blue",]
const[first,second]=colors;
console.log(first);
console.log(second);
```

```
Red                                    javascriptconst.html:12
Green                                  javascriptconst.html:13
```

```
const colors=["Red","Green","Blue",]
colors=["Black"];
const[first,second]=colors;
console.log(first);
console.log(second);
```

```
❌ ▶ Uncaught TypeError: Assignment to          javascriptconst.html:11
     constant variable.
          at javascriptconst.html:11:11
```

b) Object Destructuring

```
const student={id:1,name:"Manasvi",branch:"CSE"};
const{name,branch}=student;
console.log(name);
```

```
Manasvi                                objdestructuring.html:12
```

Default Parameters

```
<script>
    function greet(user = "Guest") {
        console.log(`Hello, ${user}!`);
    }
    greet("Manasvi Puranik");
    greet();
</script>
```

```
Hello, Manasvi Puranik!                defaultparameters.html:11
Hello, Guest!                          defaultparameters.html:11
```