

Event listener wala assignment

Q2 . Button click event (change color to green)

```
1 document.addEventListener("DOMContentLoaded", () => {
2   const button = document.createElement("button");
3   button.textContent = "click me!";
4   button.style.padding = "10px";
5   button.style.fontSize = "16px";
6
7   document.body.appendChild(button);
8
9
10  button.addEventListener("click", () => {
11    button.style.background = "green";
12  });
13 });
```

click me!

Q3 input field with name validation

```
1 document.addEventListener("DOMContentLoaded", () =>{
2   let heading = document.createElement("h2");
3   heading.textContent = "my name is fazal";
4
5   document.body.appendChild(heading);
6
7   let input = document.createElement("input");
8   input.placeholder="please enter name";
9
10  document.body.appendChild(input);
11
12
13  input.addEventListener("input",(e)=>{
14    let value = e.target.value;
15    value=value.replace(/[^a-zA-Z]/g,"");
16    e.target.value=value;
17    heading.textContent = value;
18  })
19 });
```

Before

please enter name

hello

hello

After