

## ◆ 1 click Event

```
<button id="btn">Click Me</button> <script> let btn = document.getElementById("btn");
btn.addEventListener("click", function() { alert("Button Clicked!"); }); </script>
```

## ◆ 2 dblclick Event

```
<p id="text">Double Click Me</p> <script>
document.getElementById("text").addEventListener("dblclick", function() { this.innerText =
"Text Changed!"; }); </script>
```

## ◆ 3 mouseover + mouseout

```
<div id="box" style="width:100px;height:100px;background:gray;"></div> <script> let box =
document.getElementById("box"); box.addEventListener("mouseover", function() {
box.style.backgroundColor = "blue"; }); box.addEventListener("mouseout", function() {
box.style.backgroundColor = "gray"; }); </script>
```

## ◆ 4 keydown Event ★

👉 Key চাপলেই কাজ করবে

```
<input type="text" id="input"> <script> let input = document.getElementById("input");
input.addEventListener("keydown", function(event) { console.log("Key Down: " + event.key);
}); </script>
```

## ◆ 5 keypress Event ★

👉 Character key press হলে কাজ করে  
 (⚠️ এখন অনেক ক্ষেত্রে deprecated, কিন্তু exam এ আসে)

```
<input type="text" id="input2"> <script> let input2 = document.getElementById("input2");
input2.addEventListener("keypress", function(event) { console.log("Key Pressed: " +
```

```
event.key); });
</script>
```

## ◆ 6 keyup Event ⭐

👉 Key ছেড়ে দিলে কাজ করবে

```
<input type="text" id="input3">
<script>
let input3 = document.getElementById("input3");
input3.addEventListener("keyup", function(event) {
  console.log("Key Up: " + event.key);
});
</script>
```

## 🔥 Key Difference (Very Important)

Event	কখন কাজ করে
keydown	key চাপলেই
keypress	character key press হলে
keyup	key ছেড়ে দিলে

## ◆ 7 submit Event (Very Important)

```
<form id="myForm">
  <input type="text" placeholder="Enter name">
  <button type="submit">Submit</button>
</form>
<script>
let form =
document.getElementById("myForm");
form.addEventListener("submit", function(event) {
  event.preventDefault(); // page reload বন্ধ করে alert("Form Submitted!"); });
</script>
```

## ◆ 8 input Event (Live typing)

```
<input type="text" id="liveInput">
<p id="output"></p>
<script>
let liveInput =
document.getElementById("liveInput");
let output = document.getElementById("output");
liveInput.addEventListener("input", function() {
  output.innerText = liveInput.value;
});
</script>
```

## ◆ 9 focus + blur

```
<input type="text" id="field"> <script> let field = document.getElementById("field");
field.addEventListener("focus", function() { field.style.backgroundColor = "lightyellow";
}); field.addEventListener("blur", function() { field.style.backgroundColor = "white"; });
</script>
```

## ◆ 10 Event Object (Very Important Concept ⭐)

```
<button id="btn2">Click</button> <script>
document.getElementById("btn2").addEventListener("click", function(event) {
console.log(event.type); // click console.log(event.target); // which element });
</script>
```

## 🎯 MOST IMPORTANT Events for Exam

- click
- dblclick
- keydown
- keyup
- keypress
- submit
- input
- focus
- blur
- mouseover
- mouseout
- addEventListener()

## 💡 Bonus (Advanced but Important)

👉 removeEventListener()

```
function hello() { alert("Hello"); } btn.addEventListener("click", hello);
btn.removeEventListener("click", hello);
```