

◆ 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);
```