

9.1 Demo Code

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <link
    rel="stylesheet"
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
  />
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js">
</script>
  <script>
    $(document).ready(function () {
      let x = setInterval(calculate, 50);

      setInterval(checkPassword, 50);
      setTimeout(showPopup, 3000);

      // clearInterval(x);

      function calculate() {
        let num1 = Number($("#num1").val());
        let num2 = Number($("#num2").val());
        let sum = num1 + num2;
        $("#sum").text(sum);
      }

      function checkPassword() {
        let pw = $("#pw").val();
        let con_pw = $("#con_pw").val();
        if (pw != "" && con_pw != "") {
          if (pw == con_pw) {
            $("#pw_match").prop("hidden", false);
            $("#pw_nomatch").prop("hidden", true);
          } else {
            $("#pw_match").prop("hidden", true);

```

```
$("#pw_nomatch").prop("hidden", false);
```

```
}
```

```
} else {
```

```
$("#pw_match").prop("hidden", true);
```

```
$("#pw_nomatch").prop("hidden", true);
```

```
}
```

```
}
```

```
function showPopup() {
```

```
$("#popup").prop("hidden", false);
```

```
}
```

```
});
```

```
</script>
```

```
<title>Document</title>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<div class="row">
```

```
<div class="col-lg-6">
```

```
<h1>Calculator</h1>
```

```
<form>
```

```
<label>First number: </label>
```

```
<input type="number" id="num1" class="form-control" />
```

```
<label>Second number: </label>
```

```
<input type="number" id="num2" class="form-control" />
```

```
<p>Sum: <span id="sum"></span></p>
```

```
</form>
```

```
<h1>Register</h1>
```

```
<form>
```

```
<label>Password: </label>
```

```
<input type="password" id="pw" class="form-control" />
```

```
<label>Confirm password: </label>
```

```
<input type="password" id="con_pw" class="form-control" />
```

```
</form>
```

```
<span id="pw_match" class="text-success" hidden>Password match!</span>
```

```
<span id="pw_nomatch" class="text-danger" hidden
```

```
>Password do not match!</span>
```

```
>
```

```
</div>
```

```
</div>
```

```
</div>

</body>
</html>
```

Show password

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link
      rel="stylesheet"
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
    />
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js">
</script>
    <script>
      $(document).ready(function () {
        let x = setInterval(calculate, 50);

        setInterval(checkPassword, 50);
        setTimeout(showPopup, 3000);

        // clearInterval(x);

        function calculate() {
          let num1 = Number($("#num1").val());
          let num2 = Number($("#num2").val());
          let sum = num1 + num2;
          $("#sum").text(sum);
        }

        function checkPassword() {
```

```

let pw = $("#pw").val();
let con_pw = $("#con_pw").val();
if (pw != "" && con_pw != "") {
    if (pw == con_pw) {
        $("#pw_match").prop("hidden", false);
        $("#pw_nomatch").prop("hidden", true);
    } else {
        $("#pw_match").prop("hidden", true);
        $("#pw_nomatch").prop("hidden", false);
    }
} else {
    $("#pw_match").prop("hidden", true);
    $("#pw_nomatch").prop("hidden", true);
}
}

```

```

function showPopup() {
    $("#popup").prop("hidden", false);
}

```

```

$("#show_pw").click(function () {
    if ($("#pw").prop("type") == "password") {
        $("#pw").prop("type", "text");
        $("#con_pw").prop("type", "text");
    } else {
        $("#pw").prop("type", "password");
        $("#con_pw").prop("type", "password");
    }
});
});

```

```

</script>

```

```

<title>Document</title>

```

```

</head>

```

```

<body>

```

```

<div class="container">

```

```

<div class="row">

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<div class="col-lg-6">

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<h1>Calculator</h1>

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<input type="number" id="num2" class="form-control" />
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```
<p>Sum: <span id="sum"></span></p>
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</form>
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<h1>Register</h1>
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<label>Password: </label>
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<input type="password" id="pw" class="form-control" />
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```
<label>Confirm password: </label>
```

```
<input type="password" id="con_pw" class="form-control" />
```

```
</form>
```

```
<button id="show_pw">Show Password</button>
```

```
<span id="pw_match" class="text-success" hidden>Password match!</span>
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```
<span id="pw_nomatch" class="text-danger" hidden
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>Password do not match!</span>
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</div>
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</body>
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</html>
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