

# 10.1 Demo Code

## home.html

```
<!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>
      function goBack() {
        // window.history.back(2);
        window.history.go(-2);
      }

      $(document).ready(function () {
        if (sessionStorage.getItem("dark_mode") == null) {
          console.log("Dark mode not saved in sessionStorage!");
        }
        let dark_mode = sessionStorage.getItem("dark_mode");
        setDarkMode();

        $("#dark_mode").click(function () {
          if (dark_mode == 1) {
            dark_mode = 0;
          } else {
            dark_mode = 1;
          }
          sessionStorage.setItem("dark_mode", dark_mode);
          setDarkMode();
        });
      });
    </script>
  </head>
  <body>
    <div class="container">
      <div class="row">
        <div class="col-12">
          <h1>Hello, World!</h1>
        </div>
      </div>
    </div>
  </body>
</html>
```

```

function setDarkMode() {
  if (dark_mode == 1) {
    $("body").css({
      "background-color": "rgb(16, 16, 16)",
      color: "white",
    });
  } else {
    $("body").css({
      "background-color": "white",
      color: "rgb(16, 16, 16)",
    });
  }
}

});

</script>
<title>Document</title>
</head>
<body>
  <h1>Browser history</h1>
  <button onclick="goBack()" class="btn btn-primary">Go back</button>
  <h1>Profile settings</h1>
  <button id="dark_mode" class="btn btn-dark">Dark Mode</button>
  <p>
    Lorem ipsum dolor sit amet consectetur adipisicing elit. Sint eaque rem
    enim beatae consequatur, blanditiis quis aspernatur placeat ratione dolore
    velit perspiciatis esse nemo soluta.
  </p>
</body>
</html>

```

## about.html

```

<!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>
```

```
function goBack() {
```

```
    // window.history.back(2);
```

```
    window.history.go(-2);
```

```
}
```

```
$(document).ready(function () {
```

```
    if (sessionStorage.getItem("dark_mode") == null) {
```

```
        console.log("Dark mode not saved in sessionStorage!");
```

```
    }
```

```
    let dark_mode = sessionStorage.getItem("dark_mode");
```

```
    setDarkMode();
```

```
    $("#dark_mode").click(function () {
```

```
        if (dark_mode == 1) {
```

```
            dark_mode = 0;
```

```
        } else {
```

```
            dark_mode = 1;
```

```
        }
```

```
        sessionStorage.setItem("dark_mode", dark_mode);
```

```
        setDarkMode();
```

```
    });
```

```
function setDarkMode() {
```

```
    if (dark_mode == 1) {
```

```
        $("body").css({
```

```
            "background-color": "rgb(16, 16, 16)",
```

```
            color: "white",
```

```
        });
```

```
    } else {
```

```
        $("body").css({
```

```
            "background-color": "white",
```

```
            color: "rgb(16, 16, 16)",
```

```
        });
```

```
    }
```

```
}
```

```
});
```

```

</script>
<title>Document</title>
</head>
<body>
  <h1>Browser history</h1>
  <button onclick="goBack()" class="btn btn-primary">Go back</button>
  <h1>Profile settings</h1>
  <button id="dark_mode" class="btn btn-dark">Dark Mode</button>
  <p>
    Lorem ipsum dolor sit amet consectetur adipisicing elit. Sint eaque rem
    enim beatae consequatur, blanditiis quis aspernatur placeat ratione dolore
    velit perspiciatis esse nemo soluta.
  </p>
</body>
</html>

```

## univ.html

```

<!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>
  <title>Document</title>
  <script>
    $(document).ready(function () {
      let student_count;
      if (localStorage.getItem("student_count") != null) {
        student_count = Number(localStorage.getItem("student_count"));
        $("#student_count").text(student_count);
      } else {
        student_count = Number($("#student_count").text());
      }
      $("#student_add").click(function () {

```

```

        student_count++;
        $("#student_count").text(student_count);
        localStorage.setItem("student_count", student_count);
    });
});
</script>
</head>
<body>
    <h1>University Enrollment</h1>
    <p id="student_count">1000</p>
    <button id="student_add" class="btn btn-primary">Add Student</button>
</body>
</html>

```

## form.html

```

<!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>
        <title>Document</title>
        <script>
            $(document).ready(function () {
                if (localStorage.getItem("form_full_name") != null) {
                    let form_full_name = localStorage.getItem("form_full_name");
                    $("#full_name").val(form_full_name);
                }

                if (localStorage.getItem("form_email_add") != null) {
                    let form_email_add = localStorage.getItem("form_email_add");
                    $("#email_add").val(form_email_add);
                }
            });
        </script>
    </body>
</html>

```

```
$("#full_name").blur(function () {
```

```
    let full_name = $("#full_name").val();
```

```
    localStorage.setItem("form_full_name", full_name);
```

```
});
```

```
$("#email_add").blur(function () {
```

```
    let email_add = $("#email_add").val();
```

```
    localStorage.setItem("form_email_add", email_add);
```

```
});
```

```
$("#clear_form").click(function () {
```

```
    localStorage.clear();
```

```
    // location.reload();
```

```
    $("#full_name").val("");
```

```
    $("#email_add").val("");
```

```
});
```

```
});
```

```
</script>
```

```
</head>
```

```
<body>
```

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

```
<form>
```

```
<label>Full name: </label>
```

```
<input type="text" id="full_name" class="form-control" />
```

```
<label>Email address:</label>
```

```
<input type="email" id="email_add" class="form-control" />
```

```
<input type="submit" class="btn btn-primary" />
```

```
</form>
```

```
<button id="clear_form" class="btn btn-warning">Clear Form</button>
```

```
</body>
```

```
</html>
```