



GradedLabAssignment 4–CSF416_WebTechnologiesandApplications,ODDSem,2024

StudentName:Yuvraj Singh Negi

ID: 1000018978

Major:B.tech (IT)

Question1:

Session-BasedVisitCounter

- CreateaJSPpagethatkeepstrackofhowmanytimesauserhasvisitedthepage during the current session.
- Usesessionmanagementtostorethevisitcountanddisplayitonthepage.

CODES

```
<html>
<head>
  <title>Session-BasedVisitCounter</title>
</head>
<body>
  <h2>WelcometotheVisitCounterPage!</h2>
  <p>Refreshthepagetoseethevisitcountincrease!</p>
</body>
</html>
```

```
<!DOCTYPEhtml>
<html>
<head>
  <title>VisitCounter</title>
</head>
<body>
  <h1>WelcometotheVisitCounterPage!</h1>
```

```
IntegervisitCount=(Integer)session.getAttribute("visitCount"); if
```

```

    (visitCount == null) {
        visitCount=1;
    } else {
        visitCount++;
    }
    session.setAttribute("visitCount",visitCount);

    <p>Youhavevisitedthispage<%=visitCount%>timesduringthissession.</p>
</body>
</html>

```

OUTPUT



Question2:

To-DoListwithSessions

- DevelopaJSPpagewhereusers canadditemstoato-do list.
- Storethelistinsessiondataaanddisplayitonthepage,allowinguserstoseetheirlist as they add items.

CODES

```

<!DOCTYPEhtml>
<html>
<head>

```

```

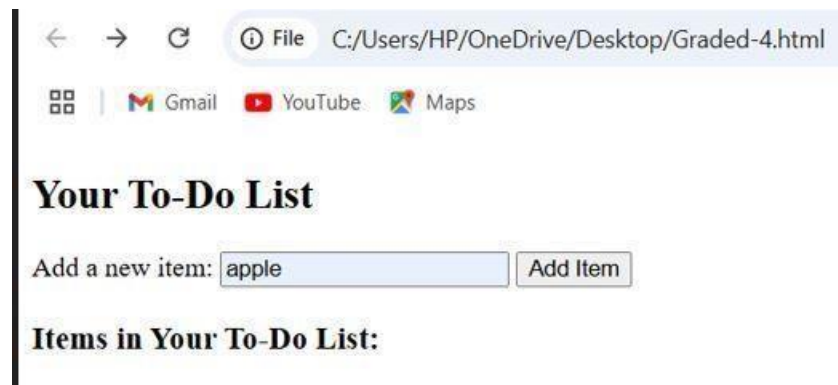
<title>To-DoListwithSession</title>
</head>
<body>
  <h2>YourTo-DoList</h2>

  <!--Formtoaddanewitemtotheto-dolist-->
  <formaction="ToDoList.jsp"method="post">
    <labelfor="item">Addanewitem:</label>
    <inputtype="text"id="item"name="item"required>
    <buttontype="submit">AddItem</button>
  </form>

  <!--Displaythecurrentto-dolist-->
  <h3>ItemsinYourTo-DoList:</h3>
  <ul>
    Stringitem :todoList
  </ul>
</body>
</html>

```

OUTPUT



← → ↻ ⓘ File C:/Users/HP/OneDrive/Desktop/Graded-4.html

⌵ |  Gmail  YouTube  Maps

Your To-Do List

Add a new item:

Items in Your To-Do List:

apple

← → ↻ ⓘ File C:/Users/HP/OneDrive/Desktop/Graded-4.html

⌵ |  Gmail  YouTube  Maps

Your To-Do List

Add a new item:

Items in Your To-Do List:

apple
orange