**Practical No. 15: Develop webpage for implementing Statusbar and webpage Protection**

1. **Practical Significance:** you can display a small amount of information about the page the user is on in the status bar.

Anyone with little computer knowledge can use a few mouse clicks to get HTML code along with Javascript. To avoid this need to protect the webpage.

### Relevant Program Outcomes (POs):

* Basic knowledge: Apply knowledge of basic mathematics, sciences and basic engineering to solve the computer group related problems.
* Discipline knowledge: Apply Computer Programming knowledge to solve the computer group related problems.
* Experiments and practice: Plan to perform experiments and practices to use the results to solve the computer group related problems.
* Engineering tools: Apply relevant Computer programming / technologies and tools with an understanding of the limitations.
* Individual and Team work: Function effectively as a leader and team member in diverse/multidisciplinary teams.
* Communication: Communicate effectively in oral and written form.

1. **Competency and Practical skills:**
2. Create status bar in the webpages and protect the webpage

### Relevant Course Outcome(s):

Create Menus and navigations in Webpages.

### Practical Outcome (PrOs):

Develop webpage for implementing statusbar and protecting webpage

### Relevant Affective domain related Outcome(s):

* 1. Follow safety practices.
  2. Practice good housekeeping
  3. Demonstrate working as a leader/ a team member.
  4. Follow ethical practices.

1. **Minimum Theoretical Background:**

To display message in the status bar of window use

window.status

Different ways of Webpage Protection:

1. Hide Code and Script

Code can be hidden from spammer by disabling right click of mouse button. Script can be hidden from the spammer by storing it on the webserver. In such case script tag in webpage should contain src attribute having the name of the script file.

<script src=”Myscriptfunction.js” >

function fun1()

{

}

</script>

2. Conceal email address in webpage

diving the email address in four strings using & ,\* and \_ symbol. Then using replace method of the string function to replace & , and \_ with @, . and nothing respectively.

1. **Resources required**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Name of Resource | Broad specification | Quantity | Remark (If any) |
| 1 | Computer System | Computer (i3-i5 preferable), RAM minimum 2 GB and onwards | As per batch size | For all Experiments |
| 2 | Operating System | Windows / Linux |
| 3 | Development Software | Browser and Notepad/any Text Editor  Free Webpage Designing Tool  Any IDE |

1. **Resources used**

| S. No. | Name of Resource | Broad Specification | Qty | Remarks (If any) |
| --- | --- | --- | --- | --- |
|  | Computer System  with broad specifications | Intel Core –i5  RAM – 8 GB | 1 PC / Student |  |
|  | Operating System | Windows 10 |  |
|  | Development Software | Micromedia Dreamviewer 8 |  |

Print out of Program along with title

// program for email validation using regular expression + disable right click

// program to show rotating string in the status bar – No output screen shot

1. **Result**

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1. **Conclusion**

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| --- | --- | --- | --- |
| Marks Obtained | | | Dated Signature of Teacher |
| Process Related ( ) | Product Related ( ) | Total ( ) |  |
|  |  |  |