**Practical No. 11: Develop webpage for placing window on screen and working with child window.**

1. **Practical Significance:** The object of window represents a browser window and all its corresponding features. A window object is created automatically by the browser itself. Java Script’s window.screen object contains information about the user’s screen. It can also be written without the window prefix.

### 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. Develop webpage for placing window on screen and working with child window.

### Relevant Course Outcome(s):

Create a web based form using javascript.

### Practical Outcome (PrOs):

1. Develop webpage for placing window on screen and working with child window

### 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:**

**Window object Methods:**

|  |  |  |
| --- | --- | --- |
| **Sr. No.** | **Method** | **Description** |
| 1 | alert() | displays the alert box containing message with ok button. |
| 2 | confirm() | displays the confirm dialog box containing message with ok and cancel button. |
| 3 | prompt() | displays a dialog box to get input from the user. |
| 4 | open() | opens the new window. |
| 5 | close() | closes the current window. |
| 6 | setTimeout() | performs action after specified time like calling function, evaluating expressions etc. |

**Screen Object Properties:**

|  |  |  |
| --- | --- | --- |
| **No.** | **Property** | **Description** |
| 1 | width | returns the width of the screen |
| 2 | height | returns the height of the screen |
| 3 | availWidth | returns the available width |
| 4 | availHeight | returns the available height |
| 5 | colorDepth | returns the color depth |
| 6 | pixelDepth | returns the pixel depth. |

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 | MicromediaDreamviewer 8 |  |

1. **Result**

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1. **Conclusion**

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| --- | --- | --- | --- |
| Marks Obtained | | | Dated Signature of Teacher |
| Process Related ( 10 ) | Product Related ( 15) | Total ( 25 ) |  |
|  |  |  |

Example :

Welcome