1. **Write a blog on the Difference between document and window objects?**

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| **Feature** | **Document object** | **Window object** |
| **Scope** | Represents the document (web page or XML). | Represents the browser window or frame. |
| **Access** | Accessed within the context of the document. | Global object, accessible throughout. |
| **Creation** | Created by the browser for the loaded page. | Automatically created for the browser. |
| **Purpose** | Deals with the content and structure of the document. | Manages the browser window and its properties. |
| **Child of** | Child of the window object. | Top-level object, not a child of any other. |
| **Location** | Document is a property of window. | Represents the browser window itself. |
| **Methods** | Methods related to document manipulation (e.g., getElementById()). | Methods related to the window and browser control (e.g., alert(), setTimeout()). |
| **Events** | Captures events related to the document. | Captures events related to the window and overall browser activity. |
| **Navigation** | Manages the structure and content within the document. | Manages navigation and history of the browser window. |
| **Examples** | document.getElementById("example"). | window.alert("Hello, World!"). |

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