**ARRAYS**

3 types of definitions for arrays:

|  |  |
| --- | --- |
| **Regular** | var MyTeams = new Array[3]; ///0,1,2 |
| **Condensed** | var Teams = ["Lions", "Tigers", "Bears", "Eagles", "Wildcats"]; |
| **Literal** | var Teams = ["Lions", "Tigers", "Bears", "Eagles", "Wildcats"]; |

**Show all:**

document.write(MyTeams.join(" and ")+ "<br/>:);

Teams.push(“Sheep”); // new element at the end of array

Teams.pop(); // remove last element of array

|  |  |  |
| --- | --- | --- |
|  | **Document.write ( teams );** | **Array modified** |
| Teams.reverse(); | Wildcats, Eagles, Bears, Tigers, Lions | No |
| Teams.sort(); | Bears, Eagles, Lions, Tigers, Wildcats | No |
| Teams.slice(2); | Bears, Eagles, Wildcats |  |
| Teams.slice(1,4); //1,2,3 | Tigers, Bears, Eagles |  |
| Teams.splice(2,3); | Bears, Eagles, Wildcats | Lions, Tigers |
| Teams.pop(); | Wildcats | Lions, Tigers, Bears, Eagles |
| Teams.push(“Bird”); | 6 | Lions, Tigers, Bears, Eagles, Wildcats, Birds |
| Teams.shift(); | Lions | Tigers, Bears, Eagles, Wildcats |