# Class Topic

1. Array
2. ArrayList
3. List

# Array Syntax

Array[100];

Int[] rollNumber = {10,1,5,6,9,501};

Memory Location:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 10 | 1 | 5 | 6 | 9 | 501 | 303 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 |

rollNumber.length;

rollNumber[2] = 5;

rollNumber[5] = 501;

Int[] rollNo = new int [10];

rollNo[0] = 5;

rollNo[9] = 501;

rollNo[10] = 100; (It will crash app)

# ArrayList, List

Collection class;

Syntax of ArrayList and List

List bazarerList = new ArrayList();

|  |  |
| --- | --- |
| Store value without according index | Store value according index |
| bazarerList.add(“Fish”);  bazarerList.add(“Chal”); | bazarerList.add(0, “Chal”);  bazarerList.add(1, “Dal”); |

bazarerList.add(“mango”);

bazarerList.add(0, “jackfrout”);

# WebView