Data Structures

Arrays   - Lists, Vectors

Dictionaries - Key Value Pairs

Hash

Array

Element   Index

Student Names

Element	Index
Thor	0
Alice	1
Bob	2
Tony	3
Peter	4
Luke	5
Leia	6
Natasha	7

Student_Name[0] = "Thor"

Print(student_Name[1]);

```
print (StudentScores[6])
```

Out of Bounds Error

Student Scores =

| 25.3 | 72 | | 100 | 12 | 35 | 57 |
| 0 | 1 | | 2 | 3 | 4 | 5 |

Dictionaries

Word or Key

definition or value

```
studentresults = { "steve" : 25,
                    "Tony" : 100,
                    "Natasha" : 22,
                  }
```

```
print (student results ['tong'])
```

100.

```
stats = { "Highscore": 22000,
          "currentScore": 100,
          "playernam" : "Ryan"
        }
```