1	Ayman_Gamal	55	3: View students
		56	4: Delete All
2	Choose one of the following	57	5: get node information
3 4	options 1: Add student	58	6: Number of nodes
5	2: Delete student	59	7: get node information form end of
6	3: View students	60	list
7	4: Delete All	61	8: get middle nodes of list
8	5: get node information	62	Enter option Number : 5
9	6: Number of nodes	63	
10	7: get node information form end of	64	
11	list	65	
12	8: get middle nodes of list	66	=======================================
13	Enter option Number : 8	67	it is empty list no index in it
14	Effect operon Number : 0	68	
15		69	Choose one of the following
16			options
17	============	71	1: Add student
18	it is empty list ====	72	
19	Choose one of the following	73	
20	options	74	
21	1: Add student	75	5: get node information
22	2: Delete student	76	6: Number of nodes
23	3: View students	77	7: get node information form end of
24	4: Delete All	_	list
25	5: get node information	79	8: get middle nodes of list
26	6: Number of nodes	80	Enter option Number : 4
27	7: get node information form end of	81	
_,	7. Sec node into macion form cha of		
28		82	
28 29	list	83	
29	list 8: get middle nodes of list	83 84	
29 30	list	83 84 85	All Students Are Deleted
29	list 8: get middle nodes of list	83 84 85 86	All Students Are Deleted
29 30 31	list 8: get middle nodes of list Enter option Number : 7	83 84 85 86 87	All Students Are Deleted Choose one of the following
29 30 31 32 33	list 8: get middle nodes of list Enter option Number : 7	83 84 85 86 87 88	All Students Are Deleted Choose one of the following options
29 30 31 32 33	list 8: get middle nodes of list Enter option Number : 7	83 84 85 86 87 88 89	All Students Are Deleted Choose one of the following options Add student
29 30 31 32 33 34	list 8: get middle nodes of list Enter option Number: 7 it is empty list ====	83 84 85 86 87 88 89	All Students Are Deleted Choose one of the following options 1: Add student 2: Delete student
29 30 31 32 33 34 35 36	list 8: get middle nodes of list Enter option Number : 7	83 84 85 86 87 88 89 90	All Students Are Deleted Choose one of the following options 1: Add student 2: Delete student 3: View students
29 30 31 32 33 34 35 36 37	list 8: get middle nodes of list Enter option Number: 7 it is empty list ==== Choose one of the following	83 84 85 86 87 88 89 90 91	All Students Are Deleted Choose one of the following options 1: Add student 2: Delete student 3: View students 4: Delete All
29 30 31 32 33 34 35 36 37	list 8: get middle nodes of list Enter option Number: 7	83 84 85 86 87 88 89 90 91 92	All Students Are Deleted Choose one of the following options 1: Add student 2: Delete student 3: View students 4: Delete All 5: get node information
29 30 31 32 33 34 35 36 37 38	list 8: get middle nodes of list Enter option Number: 7 ===================================	83 84 85 86 87 88 89 90 91 92 93	All Students Are Deleted Choose one of the following options 1: Add student 2: Delete student 3: View students 4: Delete All 5: get node information 6: Number of nodes
29 30 31 32 33 34 35 36 37 38 39	list 8: get middle nodes of list Enter option Number: 7 it is empty list ====	83 84 85 86 87 88 89 90 91 92 93 94	All Students Are Deleted Choose one of the following options Add student Delete student View students Delete All Sept node information Number of nodes get node information form end of
29 30 31 32 33 34 35 36 37 38 39 40	list 8: get middle nodes of list Enter option Number: 7	83 84 85 86 87 88 89 90 91 92 93 94 95	All Students Are Deleted Choose one of the following options 1: Add student 2: Delete student 3: View students 4: Delete All 5: get node information 6: Number of nodes 7: get node information form end of list
29 30 31 32 33 34 35 36 37 38 39 40 41	list 8: get middle nodes of list Enter option Number: 7	83 84 85 86 87 88 89 90 91 92 93 94 95 96	All Students Are Deleted Choose one of the following options 1: Add student 2: Delete student 3: View students 4: Delete All 5: get node information 6: Number of nodes 7: get node information form end of list 8: get middle nodes of list
29 30 31 32 33 34 35 36 37 38 39 40 41 42	list 8: get middle nodes of list Enter option Number: 7 ===================================	83 84 85 86 87 88 89 90 91 92 93 94 95 96 97	All Students Are Deleted Choose one of the following options 1: Add student 2: Delete student 3: View students 4: Delete All 5: get node information 6: Number of nodes 7: get node information form end of list
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	list 8: get middle nodes of list Enter option Number: 7	83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98	All Students Are Deleted Choose one of the following options 1: Add student 2: Delete student 3: View students 4: Delete All 5: get node information 6: Number of nodes 7: get node information form end of list 8: get middle nodes of list
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	list 8: get middle nodes of list Enter option Number: 7	83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99	All Students Are Deleted
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45	list 8: get middle nodes of list Enter option Number: 7 ===================================	83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101	All Students Are Deleted
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	list 8: get middle nodes of list Enter option Number: 7	83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102	All Students Are Deleted
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	list 8: get middle nodes of list Enter option Number: 7	83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103	All Students Are Deleted
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	list 8: get middle nodes of list Enter option Number: 7	83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104	All Students Are Deleted
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	list 8: get middle nodes of list Enter option Number: 7	83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104	All Students Are Deleted
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	list 8: get middle nodes of list Enter option Number: 7	83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105	All Students Are Deleted
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	list 8: get middle nodes of list Enter option Number: 7	83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106	All Students Are Deleted

```
5: get node information
                                         56 2: Delete student
   6: Number of nodes
                                             3: View students
2
                                         57
  7: get node information form end of
                                            4: Delete All
                                         58
3
                                         59
                                             5: get node information
   8: get middle nodes of list
                                         60
                                             6: Number of nodes
5
  Enter option Number : 2
                                         61
                                             7: get node information form end of
6
7
                                         62 list
8
                                         63
                                             8: get middle nodes of list
64
                                             Enter option Number: 1
                                         65
10 ==========
   it is empty we found nothing to delete
11
                                         66
         Choose one of the following
12
                                         67
                                            ______
13 options
                                         68 =========
  1: Add student
                                         69
                                            Enter ID: 3
14
   2: Delete student
15
                                         70
   3: View students
16
                                         71
                                            Enter name: haytham
   4: Delete All
                                         72
17
   5: get node information
                                            Enter height: 197
18
                                         73
   6: Number of nodes
                                         74
19
20
   7: get node information form end of
                                         75
                                                   Choose one of the following
                                         76 options
21 list
   8: get middle nodes of list
                                            1: Add student
22
                                         77
  Enter option Number : 1
                                         78
                                            2: Delete student
23
                                            3: View students
24
                                         79
25
                                         80
                                            4: Delete All
                                            5: get node information
                                         81
6: Number of nodes
27 ==========
  Enter ID: 1
                                         83
                                             7: get node information form end of
28
   Enter name: ayman
                                         84
                                            list
29
30 Enter height: 199
                                         85
                                             8: get middle nodes of list
         Choose one of the following
                                             Enter option Number : 1
31
                                         86
32 options
                                         87
  1: Add student
                                         88
33
   2: Delete student
                                         89
                                            _____
  3: View students
                                         90 =========
35
   4: Delete All
                                         91
                                            Enter ID: 4
   5: get node information
                                         92
37
   6: Number of nodes
                                             Enter name: rasha
38
                                         93
  7: get node information form end of
39
                                         94
                                             Enter height: 175
40 list
                                         95
41
   8: get middle nodes of list
                                         96
   Enter option Number : 1
                                         97
42
43
                                         98
                                                   Choose one of the following
44
                                         99 options
                                            1: Add student
45
  _____
                                        100
                                             2: Delete student
  ============
                                        101
46
                                             3: View students
   Enter ID: 2
47
                                        102
                                             4: Delete All
48
                                        103
49
  Enter name: mo
                                        104
                                             5: get node information
                                             6: Number of nodes
50
                                        105
  Enter height: 198
                                             7: get node information form end of
51
                                        106
52
                                        107 list
         Choose one of the following
                                        108
                                            8: get middle nodes of list
53
54 options
                                            Enter option Number : 1
                                        109
  1: Add student
                                        110
```

```
56
1
                                                     Choose one of the following
                                          57
   ______
                                          58 options
3
   Enter ID: 5
                                          59
                                              1: Add student
                                          60
                                              2: Delete student
5
   Enter name: samar
                                          61
                                              3: View students
6
7
                                          62
                                              4: Delete All
                                              5: get node information
8
   Enter height: 175
                                          63
9
                                          64
                                              6: Number of nodes
          Choose one of the following
                                              7: get node information form end of
10
                                          65
11 options
                                              list
                                          66
   1: Add student
                                              8: get middle nodes of list
12
                                          67
13
   2: Delete student
                                          68
                                              Enter option Number: 5
   3: View students
                                          69
14
   4: Delete All
                                          70
15
   5: get node information
16
                                          6: Number of nodes
                                          72 ==========
17
   7: get node information form end of
                                              Enter index you need it :0
18
                                          73
   list
                                          74
19
                                              ID : 1
20
   8: get middle nodes of list
                                          75
   Enter option Number : 6
                                              Name : ayman
                                          76
21
                                              Height: 199.000000
22
                                          77
23
                                          78
                                                     Choose one of the following
79
                                             options
25
                                              1: Add student
   Number of Nodes= 5
                                              2: Delete student
                                          81
26
          Choose one of the following
                                          82
                                              3: View students
27
28 options
                                          83
                                              4: Delete All
   1: Add student
                                              5: get node information
29
                                          84
   2: Delete student
                                              6: Number of nodes
30
                                          85
                                              7: get node information form end of
   3: View students
                                          86
31
   4: Delete All
32
                                          87 list
   5: get node information
                                              8: get middle nodes of list
33
                                          88
   6: Number of nodes
                                              Enter option Number: 3
34
                                          89
   7: get node information form end of
35
                                          90
36 list
                                          91
   8: get middle nodes of list
                                          92 ==============
37
   Enter option Number : 7
38
                                          93
39
                                          94
                                                     Record number: 1
                                              ID : 1
40
                                          95
41
                                          96
                                              Name : ayman
                                              Height: 199.000000
42
   ==============
                                          97
43
   Enter node number you need it from the
                                          98
                                                    Record number : 2
   end of list: 4
                                          99
                                              ID : 2
44
                                              Name: mo
45
                                          100
          Node number (4) from end of
46
                                              Height: 198.000000
                                          101
47 list is:
                                                     Record number: 3
                                          102
   ID : 2
                                              ID: 3
48
                                          103
   Name : mo
49
                                          104
                                              Name : haytham
   Height : 198.000000
                                              Height: 197.000000
50
                                          105
                                                    Record number: 4
51
                                          106
                                              ID: 4
52
                                          107
53
                                          108
                                              Name : rasha
                                              Height: 175.000000
54
                                          109
                                                    Record number: 5
55
                                          110
```

```
2: Delete student
   ID : 5
                                          56
1
   Name : samar
                                              3: View students
2
   Height : 175.000000
                                              4: Delete All
                                          58
3
                                          59
                                              5: get node information
5
                                          60
                                              6: Number of nodes
                                              7: get node information form end of
6
7
                                          62 list
8
                                          63
                                              8: get middle nodes of list
9
                                          64
                                              Enter option Number: 1
         Choose one of the following
10
                                          65
11 options
                                          66
  1: Add student
12
                                          67
                                             ______
13
  2: Delete student
                                          68
                                             ===========
   3: View students
                                          69
                                              Enter ID: 1955
14
   4: Delete All
15
                                          70
   5: get node information
16
                                          71
                                             Enter name: gamal
   6: Number of nodes
                                          72
17
   7: get node information form end of
                                          73
                                              Enter height: 192
18
  list
                                          74
19
20
   8: get middle nodes of list
                                          75
   Enter option Number : 1
                                          76
21
22
                                          77
                                                    Choose one of the following
23
                                          78
79 options
25
                                              1: Add student
   Enter ID: 6
                                              2: Delete student
                                          81
26
                                          82
                                              3: View students
27
  Enter name: alaa
                                          83
                                              4: Delete All
28
                                              5: get node information
29
                                          84
  Enter height: 199
                                              6: Number of nodes
30
                                          85
                                              7: get node information form end of
31
                                          86
         Choose one of the following
32
                                          87 list
33 options
                                          88
                                              8: get middle nodes of list
   1: Add student
                                          89
                                              Enter option Number: 8
34
   2: Delete student
                                          90
35
   3: View students
                                          91
   4: Delete All
                                          92 ===============
37
   5: get node information
38
                                          93
   6: Number of nodes
39
                                          94
                                              list nodes=7 , so the middle node is
  7: get node information form end of
                                          95 node:4
40
                                          96
                                              ID: 4
   8: get middle nodes of list
                                          97
                                              Name : rasha
42
43
   Enter option Number : 8
                                          98
                                              Height: 175.000000
44
                                          99
                                                    Choose one of the following
                                         100 options
45
                                         101
                                             1: Add student
  46
                                              2: Delete student
47
   102
   list nodes=6 , so the middle node is
                                              3: View students
48
                                         103
49 node:4
                                         104
                                              4: Delete All
  ID: 4
                                              5: get node information
                                         105
  Name : rasha
                                              6: Number of nodes
51
                                         106
  Height: 175.000000
                                         107
                                              7: get node information form end of
52
         Choose one of the following
                                         108 list
53
54 options
                                              8: get middle nodes of list
                                         109
  1: Add student
                                         110
                                              Enter option Number : 5
```

```
Enter select ID student to be deleted
1
                                          57 : 1
                                         58
3
  ______
                                             we deleted all information for student
   59
   Enter index you need it :8
                                         60 =ayman
                                             _____
6
   index : 8  is not founded
7
                                         62
                                                    Choose one of the following
         Choose one of the following
8
                                         63 options
9 options
                                             1: Add student
   1: Add student
                                             2: Delete student
10
                                         65
   2: Delete student
                                             3: View students
11
  3: View students
                                             4: Delete All
12
                                         67
13
   4: Delete All
                                         68
                                             5: get node information
   5: get node information
                                         69
                                             6: Number of nodes
14
   6: Number of nodes
                                             7: get node information form end of
15
                                         70
  7: get node information form end of
16
                                         71 list
17 list
                                         72
                                             8: get middle nodes of list
   8: get middle nodes of list
                                             Enter option Number: 3
18
                                         73
   Enter option Number : 7
                                         74
19
20
                                         75
21
                                         76 ===============
77
23 ==========
                                         78
                                                    Record number: 1
                                             ID : 2
24
   Enter node number you need it from the
                                          79
25 end of list: 10
                                             Name : mo
                                             Height: 198.000000
                                         81
26
  Error you enter number bigger than
                                         82
                                                   Record number : 2
27
28 number of list nodes
                                         83
                                             ID : 3
    you enter: 10 , the number of list
29
                                         84
                                             Name : haytham
  nodes=7
                                         85
                                             Height: 197.000000
30
                                         86
                                                    Record number: 3
31
                                             ID: 4
32
                                         87
                                         88
                                             Name : rasha
33
                                             Height: 175.000000
34
                                                   Record number: 4
35
                                         90
                                         91
                                             ID : 5
36
                                             Name : samar
37
                                         92
                                             Height: 175.000000
38
                                                    Record number: 5
39
                                         94
         Choose one of the following
                                         95
                                             ID : 6
40
41 options
                                             Name : alaa
   1: Add student
                                             Height: 199.000000
42
                                         97
43
   2: Delete student
                                         98
                                                   Record number: 6
44
   3: View students
                                         99
                                             ID: 1955
   4: Delete All
45
                                         100
                                             Name : gamal
   5: get node information
                                             Height: 192.000000
46
                                         101
   6: Number of nodes
47
                                         102
   7: get node information form end of
48
                                         103
                                                    Choose one of the following
49
  list
                                         104
   8: get middle nodes of list
                                         105 options
  Enter option Number : 2
                                             1: Add student
51
                                         106
52
                                         107
                                             2: Delete student
53
                                         108
                                             3: View students
                                         109
                                             4: Delete All
5: get node information
 ===========
                                         110
```

```
6: Number of nodes
                                        56
                                            Height: 198.000000
   7: get node information form end of
                                                 Record number: 2
2
                                        57
3 list
                                            ID : 3
                                        58
   8: get middle nodes of list
                                        59
                                            Name: haytham
5
   Enter option Number : 2
                                        60
                                            Height: 197.000000
                                        61
                                                  Record number : 3
6
                                            ID : 4
                                        62
7
8
  ______
                                        63
                                            Name : rasha
                                        64
                                            Height: 175.000000
   Enter select ID student to be deleted
                                                 Record number: 4
                                        65
10
                                            ID: 5
11 : 9
                                        66
                                            Name : samar
12
                                        67
13
  this ID is not found please enter
                                        68
                                            Height: 175.000000
14 correct ID
                                        69
                                                 Record number: 5
         Choose one of the following
                                            ID : 6
                                        70
15
16 options
                                        71
                                            Name : alaa
   1: Add student
                                        72
                                            Height: 199.000000
17
  2: Delete student
                                                  Choose one of the following
18
                                        73
  3: View students
                                        74 options
19
20
   4: Delete All
                                        75
                                            1: Add student
  5: get node information
                                            2: Delete student
                                        76
21
  6: Number of nodes
                                           3: View students
                                        77
   7: get node information form end of
                                        78
                                           4: Delete All
23
                                            5: get node information
24 list
                                        79
25
   8: get middle nodes of list
                                        80
                                            6: Number of nodes
  Enter option Number : 2
                                           7: get node information form end of
                                        81
26
                                        82 list
27
                                        83
                                            8: get middle nodes of list
28
  _____
                                        84
                                            Enter option Number: 2
29
                                        85
30
  ===========
  Enter select ID student to be deleted
                                        86
32 : 1955
                                        87 ===============
                                        88 ==========
33
  we deleted all information for student
                                           Enter select ID student to be deleted
34
                                        89
                                        90 : 4
35 =gamal
  ______
                                        91
         Choose one of the following
                                           we deleted all information for student
                                        92
37
38 options
                                        93 =rasha
  1: Add student
39
                                        94
                                            _____
  2: Delete student
                                        95
                                                 Choose one of the following
40
41
  3: View students
                                        96 options
   4: Delete All
                                           1: Add student
42
                                        97
43
   5: get node information
                                        98
                                            2: Delete student
44
   6: Number of nodes
                                        99
                                            3: View students
   7: get node information form end of
                                           4: Delete All
45
                                       100
46 list
                                            5: get node information
                                       101
   8: get middle nodes of list
                                            6: Number of nodes
47
                                       102
   Enter option Number : 3
                                            7: get node information form end of
48
                                       103
49
                                       104 list
                                            8: get middle nodes of list
50
                                       105
                                            Enter option Number: 2
                                       106
52
                                       107
         Record number : 1
                                       108
53
54 ID: 2
                                       Name : mo
                                       110 ==========
```

```
Enter select ID student to be deleted
                                        56
                                            ID : 5
2:3
                                            Name : samar
                                         57
                                            Height: 175.000000
                                         58
3
   we deleted all information for student
4
                                         59
                                                  Choose one of the following
5 =haytham
                                         60 options
                                            1: Add student
   _____
                                         61
6
7
         Choose one of the following
                                         62
                                            2: Delete student
8 options
                                         63
                                            3: View students
9
  1: Add student
                                            4: Delete All
  2: Delete student
                                            5: get node information
10
                                         65
   3: View students
                                            6: Number of nodes
11
                                         66
                                            7: get node information form end of
  4: Delete All
12
                                         67
13
  5: get node information
                                         68
                                            list
                                            8: get middle nodes of list
  6: Number of nodes
14
                                         69
   7: get node information form end of
                                            Enter option Number : 4
15
                                         70
16 list
                                         71
   8: get middle nodes of list
                                         72
17
  Enter option Number : 3
18
                                         74 ==========
19
20
                                         75
                                            All Students Are Deleted
                                            76
Choose one of the following
22
                                         77
  ================
                                         78 options
23
                                            1: Add student
24
                                         79
25
                                            2: Delete student
         Record number : 1
                                            3: View students
                                         81
26
  ID : 2
                                        82
                                            4: Delete All
27
  Name : mo
                                        83
                                            5: get node information
28
   Height: 198.000000
29
                                        84
                                            6: Number of nodes
                                            7: get node information form end of
30
         Record number : 2
                                        85
   ID : 5
                                        86 list
31
                                            8: get middle nodes of list
32
  Name : samar
                                        87
  Height: 175.000000
                                        88
                                            Enter option Number: 8
33
         Record number: 3
                                        89
34
  ID : 6
                                        90
35
   Name : alaa
                                        91 ===============
   Height: 199.000000
37
                                        92 =========
         Choose one of the following
38
                                        93
                                            it is empty list ====
39
  options
                                         94
  1: Add student
                                        95
40
  2: Delete student
                                        96
  3: View students
                                                  Choose one of the following
42
                                        97
43
   4: Delete All
                                        98 options
44
   5: get node information
                                        99
                                            1: Add student
   6: Number of nodes
                                            2: Delete student
                                        100
  7: get node information form end of
                                        101
                                            3: View students
46
                                            4: Delete All
  list
47
                                        102
   8: get middle nodes of list
                                            5: get node information
48
                                        103
  Enter option Number: 8
49
                                        104
                                            6: Number of nodes
                                            7: get node information form end of
50
                                        105
51
                                        106 list
                                            8: get middle nodes of list
107
53 =========
                                        108
                                            Enter option Number: 7
54 list nodes=3 , so the middle node is
                                        109
55 node:2
```

```
56
1
57
3 ==========
                                        58
   it is empty list ====
                                        59
         Choose one of the following
                                        60
5
6 options
   1: Add student
7
                                                  Choose one of the following
                                        62
  2: Delete student
8
                                        63 options
9
   3: View students
                                        64
                                            1: Add student
   4: Delete All
                                            2: Delete student
10
                                        65
   5: get node information
                                            3: View students
11
                                        66
                                            4: Delete All
  6: Number of nodes
12
                                        67
  7: get node information form end of
13
                                        68
                                            5: get node information
14 list
                                        69
                                            6: Number of nodes
   8: get middle nodes of list
                                        70
                                            7: get node information form end of
15
16
  Enter option Number : 6
                                        71 list
                                        72
                                            8: get middle nodes of list
17
                                            Enter option Number: 2
18
                                        73
                                        74
20
  =============
                                        75
                                        76 =============
   Number of Nodes= 0
21
         Choose one of the following
22
                                        77
                                            ______
                                            it is empty we found nothing to delete
23 options
                                        78
  1: Add student
                                                  Choose one of the following
24
                                        79
25
   2: Delete student
                                        80 options
  3: View students
                                            1: Add student
                                        81
26
   4: Delete All
                                        82
                                            2: Delete student
27
  5: get node information
                                        83
                                            3: View students
28
   6: Number of nodes
                                            4: Delete All
29
                                        84
  7: get node information form end of
30
                                        85
                                            5: get node information
31 list
                                            6: Number of nodes
                                        86
   8: get middle nodes of list
32
                                        87
                                            7: get node information form end of
  Enter option Number : 5
                                        88 list
33
                                        89
                                            8: get middle nodes of list
34
                                            Enter option Number :
35
                                        90
37 =========
   it is empty list no index in it
38
         Choose one of the following
39
40 options
  1: Add student
  2: Delete student
42
43
   3: View students
44
   4: Delete All
   5: get node information
   6: Number of nodes
46
   7: get node information form end of
47
48
  list
  8: get middle nodes of list
49
  Enter option Number : 3
50
51
52
53 ===============
54 ==========
55 ===== Empty list======
```