



# **Assignment-1**

## **Lesson-1**

### **UNIT-4**

*Name : Ayat Mohamed*

```
UART item no 0 = 1
UART item no 1 = 2
UART item no 2 = 3
UART item no 3 = 4
UART item no 4 = 5
[ERROR!!] UART stack is full,You can not add any item
[ERROR!!] UART stack is full,You can not add any item
UART deleted item 0 = 5
UART deleted item 1 = 4
UART deleted item 2 = 3
UART deleted item 3 = 2
UART deleted item 4 = 1
[ERROR!!] UART stack is empty ,You can not delete any item
[ERROR!!] UART stack is empty ,You can not delete any item
```

[illegible]

- Add students

[illegible]

```
>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<
Enter your option : 1
Enter The Student ID : 2
Enter The Student FullName : aya
Enter The Student Height : 150
>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<
Choose from of the one following options
Choose(1) : to add_student
Choose(2) : to delete_student
Choose(3) : to view_all_students
Choose(4) : to Delete_all_students
Choose(5) : to Get_Nth_Student_From_First
Choose(6) : to Get_Nth_Student_From_End
Choose(7) : to Get_Student_Linked_List_length
Choose(8) : to Get_Middle_Student
Choose(9) : to Exit
>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<
Enter your option : 1
Enter The Student ID : 3
Enter The Student FullName : bassant
Enter The Student Height : 155
>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<
Choose from of the one following options
Choose(1) : to add_student
Choose(2) : to delete_student
Choose(3) : to view_all_students
Choose(4) : to Delete_all_students
Choose(5) : to Get_Nth_Student_From_First
Choose(6) : to Get_Nth_Student_From_End
Choose(7) : to Get_Student_Linked_List_length
```

- ```
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
Choose from of the one following options
Choose(1) : to add_student
Choose(2) : to delete_student
Choose(3) : to view_all_students|
Choose(4) : to Delete_all_students
Choose(5) : to Get_Nth_Student_From_First
Choose(6) : to Get_Nth_Student_From_End
Choose(7) : to Get_Student_Linked_List_length
Choose(8) : to Get_Middle_Student
Choose(9) : to Exit
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
Enter your option : 3
Student No 1 :
ID : 1
NAME : ayat mohamed
HEIGHT : 160.00
-----
Student No 2 :
ID : 2
NAME : aya
HEIGHT : 150.00
-----
Student No 3 :
ID : 3
NAME : bassant
HEIGHT : 155.00
```

- [illegible]

- [illegible]

- ```
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
Choose from of the one following options
Choose(1) : to add_student
Choose(2) : to delete_student
Choose(3) : to view_all_students
Choose(4) : to Delete_all_students
Choose(5) : to Get_Nth_Student_From_First
Choose(6) : to Get_Nth_Student_From_End
Choose(7) : to Get_Student_Linked_List_length
Choose(8) : to Get_Middle_Student
Choose(9) : to Exit
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
Enter your option : 7
Number of students = 3
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
Choose from of the one following options
Choose(1) : to add_student
Choose(2) : to delete_student
Choose(3) : to view_all_students
Choose(4) : to Delete_all_students
Choose(5) : to Get_Nth_Student_From_First
Choose(6) : to Get_Nth_Student_From_End
Choose(7) : to Get_Student_Linked_List_length
Choose(8) : to Get_Middle_Student
Choose(9) : to Exit
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
Enter your option : 2
Enter the ID you want delete it : 2
```

```
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<
Choose from of the one following options
Choose(1) : to add_student
Choose(2) : to delete_student
Choose(3) : to view_all_students
Choose(4) : to Delete_all_students
Choose(5) : to Get_Nth_Student_From_First
Choose(6) : to Get_Nth_Student_From_End
Choose(7) : to Get_Student_Linked_List_length
Choose(8) : to Get_Middle_Student
Choose(9) : to Exit
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<
Enter your option : 3
Student No 1 :
ID : 1
NAME : ayat mohamed
HEIGHT : 160.00
-----
Student No 2 :
ID : 3
NAME : bassant
HEIGHT : 155.00
-----
```

- [illegible]

[illegible]

- [illegible]

```
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
Choose from of the one following options
Choose(1) : to add_student
Choose(2) : to delete_student
Choose(3) : to view_all_students
Choose(4) : to Delete_all_students
Choose(5) : to Get_Nth_Student_From_First
Choose(6) : to Get_Nth_Student_From_End
Choose(7) : to Get_Student_Linked_List_length
Choose(8) : to Get_Middle_Student
Choose(9) : to Exit
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<
Enter your option : 7
[ERROR!!] LIST IS EMPTY
Number of students = 0
```