**Question**

1. Implement Link class to store the name and average of a student. Identify the data attributes required and implement displayDetails() method with the constructor.
2. In an application, create three links with the following details.

|  |  |
| --- | --- |
| Name | Average |
| Nipuna | 53.5 |
| Aravinda | 78.0 |
| Prashani | 69.5 |

1. Connect the three links as follows.

Nipuna

Aravinda

Prashani

null

1. Implement a LinkList class with the following data members and method

* first
* LinkList()
* isEmpty()
* displayList()
* insertFirst()
* deleteFirst()

LinkList

1. In your application, create the following link using the LinkList class and display the link details.

first

Nipuna

Aravinda

Prashani

null

Hint : Use insertFirst() method

1. Add more links to your link list.
2. i) Modify your linkList class to add a new method called deleteLink(). This method will find the link with the given name and delete the link.

Link deleteLink(String name)

ii) Modify your application to delete a given link and display the details of the list.