Higher National Diploma in Information Technology

Data Structures and Algorithms

Year 2 Semester 1 - 2024

Lab Practical Five

Objectives:

The objective of this lab exercise is learning how linked list works.

You are being assigned to develop a Java Application for Anime lovers to keep track of characters. The application should allow them to add characters, view details and remove characters.

- 1. Create a new general Java application project. Name the project as "AnimeApp".
- 2. Create necessary packages.
- 3. Create the Link class. Existing

```
Properties
   public String characterName;
   private String description;
   private String picture;
   public Link next;

Methods
   Constructure
   get methods for private properties
```

4. Create the Linked List Class.

Code for the browse button

5. Create MainUI class. You can work on a design on your own. Sample interfaces are given below.





