**Concepts in Programming Languages**

Assignment III (Announced on Feb 15, 2021 Submission Date – Mar 14, 2021 midnight)

**Write a program to implement heap management scheme (use a doubly linked list and the first fit allocation strategy). Implement the ‘allocate’ and ‘free’ functions. Ensure that adjacent free blocks are merged together.**

Submission

Submit your code and a video (or a link to the video, if the file size is large) on the email address uad.cpllab@gmail.com

Write your name, enrolment and Assignment 3 in the subject.

In the video, explain the following things.

1. Explanation of your code and its flow.
2. Show its execution using a video with screen shots.