

Course Name: eDAC

Batch :

May 2021

Module Name: Algo & DS using Java

Max. Marks:

10

A1-Assignment

Create a linked list of Vehicle perform following operation on it
Vehical Class [company, model, type, price, no, colour]

1. add Last Vehicle object in to the list
2. add Fisrt Vehicle object in to the list
3. delete Last Vehicle object from the list
4. delete First Vehicle object from the list
5. search Vehicle by No
6. print all Vehicle details
7. print Vehicle list in reverse order
8. Sort Vehicle List by price

write a menu-driven program.

Marks Distribution:

Sr. No.	Points to cover	Maximum Marks
1	Upload Assignment on git	6
2	Video – Technical Explanation	2
3	Video – Presentation Skills	2
Total :		10

Criteria for marking:

1. You should commit after each Logical method with suitable message
2. Only GIT submission of assignment is not sufficient for evaluation.
3. If you do not have appropriate development history on the GIT for all your source files, then will not be evaluated.
4. Push your assignment work to repository before given **Deadline**.

- Any kind of excuses and recommendations for evaluation by sending data on email will not be considered.

Submission Deadline:

- Sunday, 8th Aug 2021 till 6 PM

Steps to Prepare Video:

- Go to link <https://www.loom.com>
- Prepare a video on given Case Study (Explain in details)
- Your video should not exceed more than 5 minutes.

Submission guidelines for Sunbeam LMS (Moodle):

- After successful completion of Assignments, upload it on GIT and prepared video as per given instruction and Update following three things ready.

Start of Submission Template-----

InternalExam GitLab repository (link): *your link here*

Submission Commit SHA: *last commit ID here*

Loom Rapid Fire Video (Link): *your link here*

Sr No	Question	Self-Declaration (Completed/Not Completed/ Partial Completed)
1	Assignment submission on git	
2	Assignment Solution Video	

End of Submission Template-----

- Click on **Add Submission** Button to Start submission
- Copy the Contents between **Start of Submission Template & End of Submission Template** & Paste in “**Online text**” area. Click on “**Save Changes**” button to save your submission in Draft.

4. click on "**Submit Assignment**".
5. You need to accept & confirm the declaration that the assignment work is your work only. Click on "**Continue**" for Final Submission.
6. After final submission, following page will appear.
7. Your assignment MUST show a status as "**Submitted for Grading**" before it will be graded by evaluator.
8. If your submission shows status as "**Draft (not submitted)**", it will not be assessed.