Single Linked List

1. Prof. George is the head of the institution. He received requests from the 5 topper students that they wish to change the program (for example Mech to CSE and EEE to ECE). Prof. George asked his assistant Mr. Jack to submit the topper students list by end of the day. Mr. Jack has to submit the student details such as Regd.No, Name, Current branch of study, Marks. Mr. Jack collected the below Toppers, existing CSE, ECE, MECH, and EEE data:

Regd. No	Name	Branch	Marks
4003	SSS	MECH	95
3001	KKK	EEE	91
4001	QQQ	Mech	92
3002	LLL	EEE	89
4001	QQQ	Mech	92

Regd. No	Name	Branch	Marks
1001	AAA	CSE	94
1002	BBB	CSE	91
1003	CCC	CSE	75
1004	DDD	CSE	89
1005	EEE	CSE	69

Regd. No	Name	Branch	Marks
2001	FFF	ECE	72
2002	GGG	ECE	89
2003	HHH	ECE	75
2004	III	ECE	76
2005	JJJ	ECE	58

Regd. No	Name	Branch	Marks
3001	KKK	EEE	91
3002	LLL	EEE	89
3003	MMM	EEE	75
3004	NNN	EEE	76
3005	OOO	EEE	58

Regd. No	Name	Branch	Marks
4001	QQQ	MECH	92
4002	RRR	MECH	89
4003	SSS	MECH	95
4004	TTT	MECH	66
4005	UUU	MECH	78

1) Print the original lists

2) Add the Mech topper at the end of the CSE List

3) Add the EEE topper at the beginning of the ECE list

4) Print all the updated lists.

5) Make CSE and ECE lists as Independent Circular Linked lists and print the same.