Week 12: Data Structures and Algorithms

	Q1	Q2	Total
Queue	5 + 5 + 5	5 + 5 + 5	30

Q1) Write a **program** that implements the following:

S. No.	Program Details	Marks
1	Implement a queue using the following: [1] insert (x), [2] process (x), [3] length, [4] necessary structure definition and global pointers.	(5) (5) (5) (-)
2	A main( ) function that calls upon the user a series of actions that he/she would like to do:- [1] insert (x), [2] process (x), [3] length ( ), [4] end – stop the process.	(5) (5) (5) (-)

Rubrics (Associated Marks)

S. No.	Content	Meets Criteria (1)	Marks	Does not meet expectations (0)	Marks
1	Indentation	Perfect	100%	Code not indented properly	0
2	Code works	Code compiles and executes properly for any variable sized matrices	100%	Code has errors	Based on the code
3	Comments	Code is properly commented	100%	Code is not properly commented.	0