UIU Previous Mid Q. Analysis of
Data Structures & Algorithms – I

Topic	Previous Mid Q. Analysis (2 Years)		
Merge Sort (Simulation)	Spring 22, Summer 22, Fall 22, Spring 23, Summer 23		*****
Insertion Sort	Fall 22 (time), Summer 23 (time), Spring 23 (time), Fall 23 (simulation)	How many time? :	***
		Simulation :	*
Quick Sort	Spring 22 (simulation), Fall 22 (time), Spring 23 (simulation), Summer 23 (simulation), Fall 23 (time)	How many time? :	**
		Simulation :	***
Asymptotic Notation	Spring 22, Fall 22, Spring 23, Summer 23, Fall 23		*****
Time Complexity	Spring 22, Summer 22, Fall 22, Spring 23, Summer 23		*****
Recurrence Time of Merge Sort	Fall 23		*
Binary Search (Simulation)	Spring 22, Summer 22, Fall 22, Spring 23, Summer 23, Fall 23		******
Array Mapping	Spring 22, Summer 22, Fall 22, Spring 23, Summer 23, Fall 23		******
Singly Linked List	Spring 22, Summer 22, Summer 22, Fall 22, Fall 22, Spring 23, Summer 23, Fall 23, Fall 23		*********
Doubly Linked List	Spring 22, Spring 22, Summer 22, Summer 22, Spring 23, Summer 23, Fall 23		*******
Stack (using Linear Linked List)	Spring 22, Summer 22, Spring 23, Summer 23, Fall 22		*****
Stack (using Array)	Spring 22, Fall 23		**
Queue (using Array)	Summer 22, Spring 23, Summer 23, Fall 22		****