HABIB UNIVERSITY

Data Structures & Algorithms
CS/CE 102/171 Spring 2023
Instructor: Maria Samad

Circular Queue Operations

Student 1: _____

** Assume size of Circular Queue is 6 with initial values as -1

OPERATION	OUTPUT	CQ CONTENTS	FRONT INDEX	FRONT ELEMENT	REAR INDEX	REAR ELEMENT
Empty CQ						
CQ.enqueue(44)						
CQ.enqueue(29)						
CQ.enqueue(31)						
CQ.enqueue(16)						
CQ.enqueue(98)						
CQ.dequeue()						
CQ.dequeue()						
CQ.enqueue(9)						
CQ.enqueue(20)						
CQ.enqueue(15)						
CQ.enqueue(32)						
CQ.dequeue()						
CQ.dequeue()						
CQ.dequeue()						
CQ.dequeue()						
CQ.dequeue()						
CQ.dequeue()						
CQ.dequeue()						
CQ.enqueue(32)						
CQ.enqueue(64)						