Instructions to candidates
- **Write your Name, Branch, Sec, Roll No, Register No: , Signature on the paper**
- **Write the executing program in C on a plain A4 sized paper and upload it.**

A priority queue is an abstract data type in which each data has a priority associated with it. If the data shares same priority, then whichever comes first in queue is served first. Write a C program for implementing a priority queue (in the increasing order of their value) using transform and conquer technique and implement the same using C language. Modify the program such that we can remove any given data at any given point of time. You have to execute the program first and then write the executing program on a plain A4 sized paper and upload it.

Marks Distribution

Writeup	Marks allotted
Input	2
Code for priority queue	5
Modified code for removing data	3