14/10/2020

lab 3

Queue

→ Declaring header files
→ Declaring Queue size.

→ initializing item, front to 0 and rear to -1 and an array to int data type

→ Declaring function prototype to insert rear
→ Then using if statement
in this if rear is equal to (Queue size - 1)
It is overflow, and print overflow.
→ or else increment rear by 1.
→ And place that item in the Queue of [rear]

→ Declaring function prototype to delete front
→ using if statement
if front is greater than rear
then front = 0
rear = -1
return -1.

or else

increment the front and return that deleted number.

→ Declaring function prototype for display().

initialize it to -1.

→ if statement

if (front > rear)

print queue is empty

then or else

Print (content of value)

for taking for loop

→ Printing the numbers.

→ then main.

→ Initializing the choice

→ taking the choice

→ storing the choice.

then taking switch statement