Declare a **template class Queue** which will follow FIFO (First In First Out) algorithm.

Below are the details for data members and member functions of class Queue.

Members:

Data Member	Data Type	Description
size	Integer	It is size of a queue. That is, number of elements a queue can hold
rear	Integer	It is the index of a rear most element of the queue
front	Integer	It is the index of front most element of the queue
arr	Pointer of generic data type T	It is the pointer pointing to elements of queue

Functions:

Member Function	Arguments	Return Type	Description
Default Constructor	NA	NA	Initializes size to 5, rear and front to -1 and allocates memory for pointer arr
Parameterized Constructor	Integer for size	NA	Initializes queue to user defined size, rear and front to -1 and allocates memory for pointer arr
insert	Element of type T	void	Inserts an element inside the queue
remove	NA	Element of type T	Removes element from queue
isfull	NA	bool	Returns true if queue is full else it returns false
isempty	NA	bool	Returns true if queue is empty else it returns false

Please refer file **"bitmap.h"** to see the declaration of class Queue

Please note that, you are required to edit code in file **"bitmap.cpp"** to complete definitions of functions for above mentioned requirements.

You are not required to implement function "main".