Aim: to create and perform functions on queue.

Code:

#include <iostream>

#include <queue>//to use queue and its functions

using namespace std;

int main(){

queue<int> mq;//decleration of queue.

mq.push(13465);//adding elements in queue.

mq.push(1563);

mq.push(1645);

mq.push(214);

mq.push(234);

while(!mq.empty()){

cout << mq.front()<<" ";//to print front element of queue using predefined functions..

mq.pop();//to remove front element of queue using predefined functions.

}

cout<<"\n";

cout<<mq.empty();//to check if the queue is empty or not.

return 0;

}