

~\OneDrive\Desktop\coding\DSA\Queue\queuelinklist.cpp

```
1  #include<iostream>
2  using namespace std ;
3  class node{
4      public:
5      int data;
6      node*next;
7
8
9      node(int data){
10         this->data=data;
11         this->next=NULL;
12     }
13 };
14 class queue{
15     public:
16     node*head;
17     node*tail;
18     queue(){
19         head=tail=NULL;
20     }
21     bool empty(){
22         return head == NULL;
23     }
24     void push(int data){
25         node*newnode=new node(data);
26         if(head==NULL){
27             head=tail=newnode;
28         }
29         else{
30             tail->next=newnode;
31             tail=newnode;
32         }
33     }
34
35     void pop(){
36         node*temp=head;
37         head=head->next;
38         delete temp;
39
40
41     }
42
43     int front(){
44         return head->data;
45     }
46 };
47 int main(){
48
49     queue a;
50     a.push(5);
51     a.push(3);
```

```
52 |     a.push(2);
53 |
54 |     while(!a.empty()){
55 |         cout<<a.front()<<endl;
56 |         a.pop();
57 |     }
58 |     return 0 ;
59 | }
```