//job queue

```cpp
#include<iostream>
using namespace std;
class Queue{
public:
int front, rear, arr[100], size;
void setData(){
cout<<"Enter maximum size of Job : ";
cin>>size;
int arr[size];
}
int isFull(){
if(rear == size - 1){
return 1;
}else{
return 0;
}
}
int isEmpty(){
if(front == -1 || front > rear){
return 1;
```

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}else{
return 0;
}
}
void Enqueue(){
if(isFull() == 0){
cout<<"Enter a Job : ";
int n;
cin>>n;
rear++;
arr[rear] = n;
if(front == -1){
front = 0;
}
}else{
cout<<"Job queue is full."<<endl;
}
}
void Dequeue(){
if(isEmpty() == 0){
cout<<arr[front]<<" is deleted."<<endl;
front++;
```

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        }else{
            cout<<"Job queue is already empty"<<endl;
        }
    }
    void Print(){
        cout<<"Job Queue : "<<endl;
        for(int i = front; i <= rear; i++){
            cout<<arr[i]<<" ";
        }
    }
};
int main(){
    Queue q;
    q.front = -1;
    q.rear = -1;
    q.setData();
    q.Enqueue();
    q.Enqueue();
    q.Dequeue();
    q.Print();
    return 0;
}
```