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Implementation of Queue

```
#include<iostream>
using namespace std;
#define SIZE 10
int queue[SIZE];
int front =-1;
int rear =-1;
void enqueue(int x){
	if(front==-1){
		front=front+1;
	}
	if(rear==SIZE-1){
		cout<<"Queue is full"<<endl;
	}
	else{
		queue[++rear]=x;
	}
}
void dequeue(){

}
void display(){
```

```
        for(int i=front;i<=rear;i++)
        cout<<queue[i]<<endl;
        }
int main(){
        int c;
        int data;
        do{
                cout<<"Queue Implementation"<<endl;
                cout<<"1.Enqueue"<<endl;
                cout<<"2.dequeue"<<endl;
                cout<<"3.display"<<endl;
                cout<<"**********************"<<endl;
                cout<<"Enter the option"<<endl;
                cin>>c;

                switch(c){
                        case 1:
                                cout<<"Enter the element to insert"<<endl;
                                cin>>data;
                                enqueue(data);
                                break;
                        case 2:
                                cout<<"Deleted  element is"<<endl;
                                dequeue();
                                break;
                        case 3:
                                cout<<"The element in Queue are"<<endl;
                                display();
                                break;
                        }
        }while(1);
```

}

```
3.display
**********
Enter the option
1
Enter the element to insert
75
Queue Implementation
1.Enqueue
2.dequeue
3.display
**********
Enter the option
1
Enter the element to insert
80
Queue Implementation
1.Enqueue
2.dequeue
3.display
**********
Enter the option
3
The element in Queue are
20
60
75
80
Queue Implementation
1.Enqueue
```