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#include<iostream>
#include<stdlib.h>

// Queue Without Class

using namespace std;
#define max 10

int queue[max], rear = -1, front = -1;

void enqueue(){
    int val;
    if(rear >= max-1)
        cout<<"Overflow"<<endl;
    else{
        if(front == -1){
            front = 0;
        }
        cout<<"Enter the value : ";
        cin>>val;
        rear++;
        queue[rear] = val;
    }
}

void dequeue(){
    if(front == -1 || front > rear)
        cout<<"Underflow"<<endl;
    else{
        cout<<"Deleted element"<<queue[front];
        front++;
    }
}

void display(){
    int i;
    if(front == -1 || front > rear)
        cout<<"Queue is empty";
    else{
        cout<<"Queue Element : ";
        for(i = front; i<= rear; i++){
            cout<<queue[i]<<" ";
        }
    }
}

int main(){
    int ch;

    do{
        cout<<endl;
        cout<<"1 EnQueue"<<endl;
        cout<<"2 DeQueuePop"<<endl;
        cout<<"3 Display"<<endl;
        cout<<"4 Exit"<<endl;
        cout<<"Enter your choice : ";
        cin>>ch;
        switch(ch){
            case 1:
                //cout<<"Enter the value to be inserted : ";
                //cin>>val;
                enqueue();
                break;
            case 2:
```

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        dequeue();  
        break;  
    case 3:  
        display();  
        break;  
    case 4:  
        exit(0);  
        break;  
    default:  
        cout<<"Wrong Choice";  
    }  
}while(ch != 4);  
  
return 0;  
}
```