**#include <iostream>**

**#define SIZE 100**

**int queue[SIZE];**

**int front = -1 , rear = -1;**

**void enqueue(int value){**

**if (rear == SIZE -1){**

**printf("queue is full(overflow)\n");**

**return 0;**

**}**

**if (front == -1)**

**front =0;**

**rear++;**

**queue[rear]=value;**

**printf("%d enqueued to queue.\n", value);**

**}**

**void dequeue(){**

**if(front ==1 || front>rear){**

**printf("queue is empty(underflow"\n");**

**return ;**

**}**

**printf("%d dequeued from queue.\n",queue[front]);**

**frint++ ;**

**}**

**void display(){**

**if ( front == -1 || front> rear){**

**printf("queue is empty\n");**

**return ;**

**}**

**printf("queue elemts are:");**

**for(int i = front)**

**}**