

```
C:\Users\Admin\Desktop\Nidhi\queue1.exe

-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit1

Enter the element to be Enqueued: 23

Enqueued element: 23
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit
```

C:\Users\Admin\Desktop\Nidhi\queue1.exe

3.Display
4.Exit

Enter the element to be Enqueued: 48

Enqueued element: 48

-----QUEUE MENU-----

Choose your option

1.Enqueue
2.Dequeue
3.Display
4.Exit

Enter the element to be Enqueued: 82

Enqueued element: 82

-----QUEUE MENU-----

Choose your option

1.Enqueue
2.Dequeue
3.Display
4.Exit

Queue is Full

-----QUEUE MENU-----

Choose your option

1.Enqueue
2.Dequeue
3.Display
4.Exit

```
54 case 1:  
55 if(isFull()){  
56     printf("\nQueue is Full");  
57 }  
58 else{  
59     printf("\nEnter the element to be Enqueued: ");  
60     scanf("%d",&el);  
61     Enqueue(el);  
62 }  
63 break;  
64 case 2:  
65 Dequeue();  
66 break;  
67 case 3:  
68 Display();  
69 break;  
70 case 4:  
71 return 0;  
72 default:  
73     printf("\nInvalid Input");  
74 }  
75 return 0;  
76 }  
77 }  
78 }
```

Activate Windows
Go to Settings to activate Windows.

Logs & others

C:\Users\Admin\Desktop\Nidhi\queue1.c

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 75, Col 6, Pos 1625

Insert

Read/Write default

Type here to search

25°C Mostly sunny

11:46:39 AM
06-10-2023

```
CRUsers\Admin\Desktop\Nidhi\queue1.exe
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit1
Queue is full
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit2
Dequeued element: 23
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit2
Dequeued element: 65
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit
```

```
main() : int
{
    int choice;
    while(1)
    {
        case 1:
            if(!isFull())
            {
                printf("\nQueue is Full");
            }
            else
            {
                printf("\nEnter the element to be Enqueued: ");
                scanf("%d",&el);
                Enqueue(el);
            }
            break;
        case 2:
            Dequeue();
            break;
        case 3:
            Display();
            break;
        case 4:
            return 0;
        default:
            printf("\nInvalid Input");
    }
}
return 0;
}
```

```
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit2
Dequeued element: 48
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit2
Dequeued element: 82
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit2
Queue is empty
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit2
```

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78
    case 1:
    if(isFull()){
        printf("\nQueue is Full");
    }
    else{
        printf("\nEnter the element to be Enqueued: ");
        scanf("%d",&el);
        Enqueue(el);
    }
    break;
    case 2:
    Dequeue();
    break;
    case 3:
    Display();
    break;
    case 4:
    return 0;
    default:
    printf("\nInvalid Input");
}
return 0;
```

```
Enter the element to be Enqueued: 65
Enqueued element: 65
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit
Enter the element to be Enqueued: 88
Enqueued element: 88
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit
Queue:
23
65
88
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit
```

```
main() : int
{
    int i;
    while(1)
    {
        case 1:
            if(isFull())
            {
                printf("\nQueue is Full");
            }
            else
            {
                printf("\nEnter the element to be Enqueued: ");
                scanf("%d",&el);
                Enqueue(el);
            }
            break;
        case 2:
            Dequeue();
            break;
        case 3:
            Display();
            break;
        case 4:
            return 0;
        default:
            printf("\nInvalid Input");
    }
}
return 0;
```

```
C:\Users\Admin\Desktop\Nidhi\queue.exe
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit1
Enter the element to be Enqueued: 88
Enqueued element: 88
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit13
Queue:
23
65
88
-----QUEUE MENU-----
Choose your option
1.Enqueue
2.Dequeue
3.Display
4.Exit4
Process returned 0 (0x0)   execution time : 141.654 s
Press any key to continue.
```

```
54         case 1:
55             if(isFull()){
56                 printf("\nQueue is Full");
57             }
58             else{
59                 printf("\nEnter the element to be Enqueued: ");
60                 scanf("%d",&el);
61                 Enqueue(el);
62             }
63             break;
64         case 2:
65             Dequeue();
66             break;
67         case 3:
68             Display();
69             break;
70         case 4:
71             return 0;
72         default:
73             printf("\nInvalid Input");
74     }
75 }
```