

```

1  #include<stdio.h>
2  #include<conio.h>
3  #include<stdlib.h>
4  int queue[5];
5  int front=-1;
6  int rear=1;
7  void insertqueue();
8  void deletequeue();
9  void display();
10 int value;
11 int i;
12
13 void insertqueue()
14 {
15     if(rear==1)
16     {
17         printf("\n queue is empty\n");
18     }
19     else
20     {
21         //if(front==1)
22         //{
23         front=0;
24         //}
25         printf("\n enter the value");
26         scanf("%d",&value);
27         rear=rear+1;
28         queue[rear]=value;
29     }
30 }
31
32 void deletequeue()
33 {
34     if (front==1||front>rear)
35     {
36         printf("\nqueue is empty\n");
37     }
38     else
39     {
40         printf("\n deleted item \n",queue[front]);
41         front=front+1;
42     }
43 }
44
45 void display()
46 {
47     printf("your queue:");
48     for(i=front;i<=rear;i++)
49     {
50         printf("\t %d \t",queue[i]);
51     }
52 }
53
54 int main()
55 {
56     int choice;
57
58     // printf("enter your no. of elements in stack:\n");
59     //scanf("%d",&n);
60
61     printf("Bhuvan\n");
62     printf("01fe23bec434\n");
63     printf("151\n");
64     while(choice != 4)
65     {
66

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67     printf("\n *****manu***** \n");
68     printf("\n 1->insert queue\n");
69     printf("\n 2-> delete queue\n");
70     printf("\n 3->display\n");
71     printf("\n 4->exit\n");
72     printf("enter your choice");
73     scanf("%d",&choice);
74
75     switch(choice)
76     {
77         case 1:
78         {
79             insertqueue();
80             break;
81         }
82         case 2:
83         {
84             deletequeue();
85             break;
86         }
87         case 3:
88         {
89             display();
90             break;
91         }
92         case 4:
93         {
94             exit(0);
95             break;
96         }
97         default:
98             {printf("\nIncorrect Choice\n");
99             }
100     }
101 }
102
103 return 0;
104 }

```