

```
38
39
    void dequeue()
    node *temp;
43
                                 //delete from front
    if(root==NULL)
44
45 -
      printf("Queue is empty\n");
47
48
    else
50 -
     temp=root;
    root=temp->link;
    temp->link=NULL;
    free(temp);
55
56
57
58
    void display()
60
     node *temp=root;
     if(temp==NULL)
62
63
       printf("Queue is empty\n");
64
65
     else
66
67
       while(temp!=NULL)
68
69
         printf("%d ",temp->data);
70
         temp=temp->link;
71
72
                                                                                                                   ^ @ ■ 4× // 12/13/2020
```

```
printf("Queue is empty\n");
5
6
   else
8
     while(temp!=NULL)
       printf("%d ",temp->data);
       temp=temp->link;
     printf("\n ");
  int main()
   int op,len;
   printf("Enter the operation\n1.Enqueue\n2.Dequeue\n3.Display\n4.Exit\n");
   while(1)
  { printf("Enter option ");
    scanf("%d",&op);
    switch (op)
    case 1:enqueue();
      break;
    case 2: dequeue();
     break;
    case 3: display();
      break;
    case 4: exit(0);
       break;
    default: printf("No such operation\n");
8 return 0;
       0
```



1.Enqueue

2.Dequeue 3.Display

4.Exit

Enter option 1

Enter the node element

Enter the operation

12

Enter option 1

Enter the node element

22

Enter option 1

Enter the node element

34

Enter option 1

Enter the node element

67

Enter option 3

12 22 34 67

Enter option 2

Enter option 2

Enter option 3

34 67

Enter option

















