```
✓ Text Editor ▼
                                                                                                                                                                                                                    Save ≡ _ ø &
            Open ▼ 🗐
            #include <stdio.h>
int Q[100], FRONT = -1, REAR = -1, i, n, x, choice;
void insert();
void delte ();
void display();
            void main()
                 0
                       printf("\n Queue Operation available: \n");
printf("\ti.Insert \tz.Delete \t3.Display \t4.Exit \n");
printf('\n Enter your choice: ");
scanf("\alpha", &choice);
switch (choice)
{
case 1:
    insert();
    break;
    ?:
    ()
                       case 2:
    delete ();
    break;
                       case 3:
    display();
    break;
case 4:
  printf("Exit: Program Finished !! ");
  break;
                       default:
    printf("Please enter a valid choice 1, 2, 3, 4 \n");
    break;
         36 } while (c
37 ]
38 void insert()
39 {
:::
                                                                                                                                                                                            C ▼ Tab Width: 8 ▼ Ln 37, Col 2 ▼ INS
```

```
A ∅ U ▼

    Terminal ▼

                itadmin@itadmin-HP-ProDesk-400-G7-Microtower-PC: ~ 🔍 🗏 _ 🗆 🛛 🗴
                                 2.Delete
                                                                             4.Exit
    Enter your choice: 1
Enter the element to insert: 21
    Queue Operation available:
1.Insert 2.Delete
Enter your choice: 2
The deleted element is: 21
Queue Operation available:
1.Insert 2.Delete
                                                                              4.Exit
    Enter your choice: 1
Enter the element to insert: 10
   Queue Operation available:
1.Insert 2.Delete
                                                         3.Display
                                                                               4.Exit
    Enter your choice: 3
The elements in the Queue are:
10 0 0 0 0 0 0 0 0 0
}
void display()
{
         printf(" The elements in the Queue are: \n");
far (i = FRONT; i < n; i++)
{
    printf(" %d ", Q[i]);
}
printf("\n");</pre>
                                                                                                                                                                    C ▼ Tab Width: 8 ▼ Ln 37, Col 2 ▼ INS
```