

C:\Users\SRIKANTH\Documents\Custom Office Templates\programm 13.cpp - Dev-C++ 5.11

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TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug Untitled1 [*] programm 13.cpp

```
1  #include<stdio.h>
2  #define n 5
3  int main()
4  {
5      int queue[n],ch=1,front=0,rear=0,i,j=1,x=n;
6      printf("Queue using Array");
7      printf("\n1.Insertion \n2.Deletion \n3.Display \n4.Exit");
8      while(ch)
9      {
10         printf("\nEnter the Choice:");
11         scanf("%d",&ch);
12         switch(ch)
13         {
14             case 1:
15                 if(rear==x)
16                     printf("\n Queue is Full");
17                 else
18                 {
19                     printf("\n Enter no %d:",j++);
20                     scanf("%d",&queue[rear++]);
21                 }
22                 break;
23             case 2:
24                 if(front==rear)
25                 {
26                     printf("\n Queue is empty");
27                 }
```

C:\Users\SRIKANTH\Documents\Custom Office Templates\programme 13.exe

QUEUE ARRAY IMPLEMENTATION PROGRAM

1. Enqueue
2. Dequeue
3. Size
4. Get Rear
5. Get Front
0. Exit

Select an option: 1

Enter data to enqueue: 10
Element added to queue.

QUEUE ARRAY IMPLEMENTATION PROGRAM

1. Enqueue
2. Dequeue
3. Size
4. Get Rear
5. Get Front
0. Exit

Select an option: 2
Data => 10

QUEUE ARRAY IMPLEMENTATION PROGRAM

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Line Col File Message

C:\Users\SRIKANTH\Documents\Custom Office Temp... In function 'int main()':
47 23 C:\Users\SRIKANTH\Documents\Custom Office Templat... [Error] 'exit' was not declared in this scope