

2	1	5	WAP to convert a given valid parenthesized infix arithmetic expression to postfix expression. The expression consists of single character operands and the binary operators + (plus), - (minus), * (multiply) and / (divide)
		5	Demonstration of account creation on LeetCode platform Program - Leetcode platform

The image shows a screenshot of a C++ IDE with a code editor and a sidebar. The code editor displays a C++ program for a circular queue. The sidebar on the left has a 'Resources' tab and a small code snippet '{ }'. The code in the editor is as follows:

```
1  #include <stdio.h>
2  #define MAX 5
3
4  int cq[MAX];
5  int front = -1, rear = -1;
6
7  /* Insert Operation */
8  void insert() {
9      int item;
10
11      if ((front == 0 && rear == MAX - 1) || (front == rear + 1)) {
12          printf("\nQueue Overflow! Circular Queue is full.\n");
13          return;
14      }
15
16      if (front == -1) { // First insertion
17          front = rear = 0;
18      } else if (rear == MAX - 1) {
19          rear = 0;
20      } else {
21          rear++;
22      }
23
24      printf("Enter element to insert: ");
25      scanf("%d", &item);
26      cq[rear] = item;
27      printf("Element %d inserted successfully.\n", item);
28  }
29
30  /* Delete Operation */
31  void delete() {
32      if (front == -1) {
33          printf("\nQueue Empty! Cannot delete element.\n");
34          return;
35      }
36
37      printf("Deleted element: %d\n", cq[front]);
```

C:\Users\HP\Documents\5.exe X + v

Element 2 inserted successfully.

--- CIRCULAR QUEUE MENU ---

1. Insert
2. Delete
3. Display
4. Exit

Enter your choice: 1

Enter element to insert: 3

Element 3 inserted successfully.

--- CIRCULAR QUEUE MENU ---

1. Insert
2. Delete
3. Display
4. Exit

Enter your choice: 2

Deleted element: 2

--- CIRCULAR QUEUE MENU ---

1. Insert
2. Delete
3. Display
4. Exit

Enter your choice: 3

Circular Queue elements:

3

--- CIRCULAR QUEUE MENU ---