

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 screenshot shows a C code editor interface with a toolbar at the top, a navigation bar, and a left sidebar labeled "Management". The main area displays a C program for a circular queue. The code includes declarations for a queue array and pointers, and two functions: `insert()` and `delete()`. The `insert()` function checks for overflow, handles the first insertion, and performs standard insertions. The `delete()` function handles underflow. The code uses standard input/output functions like `printf` and `scanf`.

```
#include <stdio.h>
#define MAX 5

int cq[MAX];
int front = -1, rear = -1;

/* Insert Operation */
void insert() {
    int item;

    if ((front == 0 && rear == MAX - 1) || (front == rear + 1)) {
        printf("\nQueue Overflow! Circular Queue is full.\n");
        return;
    }

    if (front == -1) { // First insertion
        front = rear = 0;
    } else if (rear == MAX - 1) {
        rear = 0;
    } else {
        rear++;
    }

    printf("Enter element to insert: ");
    scanf("%d", &item);
    cq[rear] = item;
    printf("Element %d inserted successfully.\n", item);
}

/* Delete Operation */
void delete() {
    if (front == -1) {
        printf("\nQueue Empty! Cannot delete element.\n");
        return;
    }

    printf("Deleted element: %d\n", cq[front]);
}
```

C:\Users\HP\Documents\5.exe

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 ---