```cpp
// Utility function to add an item to the queue
void queue::enqueue(int item)
{
    // check for queue overflow
    if (isFull())
    {
        cout << "OverFlow\nProgram Terminated\n";
        return;
    }

    cout << "Inserting " << item << '\n';

    rear = (rear + 1) % capacity;
    arr[rear] = item;
    count++;
}
```