```
1 #include <stdio.h>
6 int intArray[MAX];
 7 int front = 0;
8 int rear = -1;
9 int itemCount = 0;
10 - int peek() {
    return intArray[front];
13 bool isEmpty() {
    return itemCount == 0;
16 bool isFull() {
    return itemCount == MAX;
19 int size() {
    return itemCount;
22 void insert(int data) {
      if(!isFull()) {
   if(rear == MAX-1) {
            rear = -1;
         intArray[++rear] = data;
          itemCount++;
31 int removeData() {
       int data = intArray[front++];
          if(front == MAX) {
          front = 0;
       itemCount ;
      return data;
39 int main() {
      insert(3);
      insert(5);
      insert(9);
insert(1);
       insert(12);
                                                                                                                                                                          Activate Windows
       insert(15);
      iff(isEull()) {
```

