```
Week10Extra1.java
                                                          Lab7.java
                                                                       Cab8.java
🏮 Week10Extra3.java 🚿
                  Week10Extra4.java
      import java.util.Scanner;
      interface IntQueue{
  ol
  el
           void insert_rear(int item);
       void delete_front();
4 01
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          void display();
     class Queue implements IntQueue{
           int[] q;
           int f=0,r=-1;
           Queue(int size)
              q=new int[size];
          public void insert_rear(int item)
              if (r==(q.length-1))
                  System.out.println("Queue overflow");
```

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C Lab8.java
                                                           🎯 Lab7.java 🚿
                                       ◎ Week10Extra1.java
                   @ Week10Extra4.java
Week10Extra3.java
       public class Week10Extra1 {
           public static void main(String[] args)
               Scanner s=new Scanner(System.in);
               int ch, item;
               IntQueue iq;
               iq=new Queue( size: 5);
               for (;;)
                   System.out.println("1:Insert\n2:Delete\n3:Display\n4:Exit");
                   System.out.println("Enter your choice:");
                   ch=s.nextInt();
                   switch (ch)
                           item=s.nextInt();
                          break;
```

```
switch (ch)
{
    case 1:System.out.println("Enter the item to be inserted:");
    item=s.nextInt();
    iq.insert_rear(item);
    break;
    case 2:iq.delete_front();
    break;
    case 3:iq.display();
    break;
    case 4:System.exit( status: 0);
    break;
    default:System.out.println("Please enter a valid choice number");
    break;
}

83     }

84     }

85     }

86     }
```

```
Week10Extra1 ×
"C:\Program Files\Java\jdk1.8.0_261\bin\java.exe" ...
1:Insert
2:Delete
3:Display
4:Exit
Enter your choice:
Enter the item to be inserted:
1:Insert
2:Delete
3:Display
4:Exit
Enter your choice:
Enter the item to be inserted:
1:Insert
3:Display
```



1:Insert
2:Delete
3:Display
4:Exit
Enter your choice:

Process finished with exit code 0