Assignment -4

```java
1. class GFG {

   public static void main(String args[])

   {

      byte b = 50;

      b = (byte)(b * 3);

      System.out.println(b);

   }

   }
```

OUTPUT:

Answer:. -106

Byte value is -128 to 127

b*3 = 150 > 127

150 - 128 = 22

22 - 128 = -106


```c
2.    int main()

         {

             int i;

             int arr[5] = {1};

             for (i = 0; i < 5; i++)

             printf("%d ", arr[i]);

             return 0;

         }
```


OUTPUT:

Answer :   Runtime Error

Main statement not found

3.
```
         int main()
      {
         int a[][] = {{1,2},{3,4}};
         int i, j;
         for (i = 0; i < 2; i++)
         for (j = 0; j < 2; j++)
          printf("%d ", a[i][j]);
          return 0;
         }
```
OUTPUT: Runtime error

4.
```
import java.util.*;
   class ArrayListExample {
  public static void main(String[] args)
 {
    int n = 5;
    ArrayList<Integer> arrli = new ArrayList<Integer>(n);

    for (int i = 1; i <= n; i++)
   arrli.add(i);

    System.out.println(arrli);

    arrli.remove(3);
```

```java
        System.out.println(arrli);

        for (int i = 0; i < arrli.size(); i++)
            System.out.print(arrli.get(i) + " ");
    }
}
```

OUTPUT:

[1, 2, 3, 4, 5]

[1, 2, 3, 5]

1 2 3 5

```java
5. import java.util.*;

class GFG {

    public static void main(String args[])
    {
        ArrayList<String> al = new ArrayList<>();

        al.add("Geeks");
        al.add("Geeks");

        al.add(1, "For");

        System.out.println(al);
```

```
    }
}
```

OUTPUT:

[Geeks, For, Geeks]