Good morning! Here's your coding interview problem for today.

This problem was asked by Uber.

Given an array of integers, return a new array such that each element at index i of the new array is the product of all the numbers in the original array except the one at i.

For example, if our input was [1, 2, 3, 4, 5], the expected output would be [120, 60, 40, 30, 24]. If our input was [3, 2, 1], the expected output would be [2, 3, 6].

Follow-up: what if you can't use division?

```
public class learn {
public static void main (String[] args)
      int []numbers= new int[]{1,2,3,4,5};
      int temp =1;
      int[]newarray = new int[5];
      int original=0;
      system.out.println("Non-Dividing option");
      for (int i=0;i<numbers.length;i++)</pre>
            original=numbers[i];
            numbers[i]=1;
            for (int k=0;k<numbers.length;k++)</pre>
                  temp=temp*numbers[k];
            numbers[i]=original;
            newarray[i] = temp;
            temp=1;
            System.out.println(newarray[i]);
      }
```