

## Output

```
java -cp /tmp/S0JMWZ6rjA Main
```

10+15=25

10+3=13

10+7=17

Total is 17: 10+7=17

15+10=25

15+3=18

15+7=22

3+10=13

3+15=18

3+7=10

7+10=17

Total is 17: 7+10=17

7+15=22

7+3=10

## CODE

```
public class Main{

    public static void main(String []args){

        int k = 17;
        int[] nums = new int[]{10,15,3,7};
        int total=0;
        int i;
        int j;

        for (i=0; i<nums.length; i++)
        {

            //This is ok

            //Now need another loop to complete addition

            for (j=0; j<nums.length; j++)
            {
                if (j==i )
                {
                    j++;

                }

                if (j!=nums.length)
                {

                    total = nums[i] + nums[j];
                    System.out.println(nums[i] + "+" + nums[j] + "=" + total);

                    if (total==k)
                    {
                        System.out.println("Total is 17: " + nums[i] + "+" + nums[j] + "=" + total+"\n");
                    }

                }

            }

        }

    }

}
```