

## Subtract Product and Sum

```
import java.util.Scanner;
```

```
public class Main{
```

```
    public static void main(String[] args){
```

```
        int num = sc.nextInt(); // 234
```

```
        int tempNum = num;
```

```
        int product = 1;
```

```
        int sum = 0;
```

```
        int lastDig = 0;
```

```
        while (true){
```

```
            lastDig = tempNum % 10; // 4
```

```
            product *= lastDig;
```

```
            sum += lastDig;
```

```
            tempNum /= 10;
```

```
            if (tempNum == 0){
```

```
                break;
```

```
            }
```

```
        }
```

```
    }
```

```
    int subtract = (product - sum);
```



Problem Source