Output

```
13
233
PS D:\dataMain\prgrms>
```

```
21
10946
PS D:\dataMain\prgrms>
```

```
31
1346269
PS D:\dataMain\prgrms>
```

```
47
-1323752223
PS D:\dataMain\prgrms>
```

//having problem with large input despite using long.

```
61
764848393
PS D:\dataMain\prgrms>
```

```
85
-1289228135
PS D:\dataMain\prgrms>
```

Bonas Problem Output

```
3
34
PS D:\dataMain\prgrms>
```

```
10
832040
PS D:\dataMain\prgrms>
```

// Having problem with large inputs

```
22
-1958435240
PS D:\dataMain\prgrms>
```

```
26
375819880
PS D:\dataMain\prgrms>
```