

# Easy

## 1. HackerRank

### a. Print \*\*2

```
if __name__ == '__main__':  
    n = int(input())  
    for i in range(n):  
        print(i ** 2)
```

### b. Print sum, diff, prod

```
if __name__ == '__main__':  
    a = int(input())  
    b = int(input())  
    print(a + b)  
    print(a - b)  
    print(a * b)
```

## 2. Leap Year in One Line

### a. Using Functions

```
import calendar  
print(calendar.isleap(int(input('Enter the Year to be Checked: '))))
```

### b. Using List Comprehension

```
print([f'{i} is Leap Year' if i%4==0 and i%100!= 0 or i%400==0 else f'{i} is Not  
A Leap Year' if i>1582 else 'Leap Year was calculated from 1582 only.' for i in  
[int(input('Enter the Year to be Checked: '))]])
```