Q1 ¶

In [1]:

```python
print('Hello World!')
```

Hello World!

Q2 Python If-Else

In [3]:

```python
n = int(input().strip())
if (n %2!=0):
    print("Weird")
else:
    if(n>=2 and n<=5):
        print("Not Weird")
    if(n>=6 and n<=20):
        print("Weird")
    if(n>20):
        print("Not Weird")
```

9
Weird

Q3 Arithmetic Operators

In [4]:

```python
a = int(input())
b = int(input())
print(a+b)
print(a-b)
print(a*b)
```

5
8
13
-3
40

Q4 Python: Division

In [5]:

```python
a = int(input())
b = int(input())
print(a//b)
print(a/b)
```

```
5
2
2
2.5
```

Q5 Loops

In [1]:

```python
n = int(input())
for i in range (0,n):
    print(i*i)
```

```
5
0
1
4
9
16
```

Q6 Write a function

In [2]:

```python
def is_leap(year):
    leap = False
    
    # Write your logic here
    if(year%4==0):
        if(year%100):
            if(year%400):
                print('True')
            print('False')
        print('True')
        
    return leap

year = int(input())
print(is_leap(year))
```

```
2023
False
```

Q7 Print Function

In [4]:

```python
n = int(input())
for i in range(1,n+1):
    print(i,end="")
```

```
6
123456
```

Thanks