1. **HELLO WORLD PROGRAM**

**print**("Hello, World!")

1. **IF-ELSE USING PROGRAM**

n=**int**(**input**())

**if**(n%2!=0):

**print**("Weird")

**elif**((n%2==0) **and** (2<=n<=5)):

**print**("Not Weird")

**elif**((n%2==0) **and** (6<=n<=20)):

**print**("Weird")

**elif**(n%2==0 **and** n>20):

**print**('Not Weird')

**else**:

**print**("invalid")

1. **ARITHMETIC OPERATIONS**

a = **int**(**input**())

b = **int**(**input**())

**print**(a+b)

**print**(a-b)

**print**(a\*b)

1. **DIVISION OPERATION**

a = **int**(**input**())

b = **int**(**input**())

**print**(a//b)

**print**(a/b)

1. **USING LOOPS**

n = **int**(**input**())

**for** i **in** **range**(n):

**print**(i\*\*2)

1. **LEAP YEAR OR NOT PROGRAM**

**def** is\_leap(year):

    leap = **False**

*# Write your logic here*

**if**(year%4==0 **and** year%100!=0 **or** year%400==0):

**return** "True"

**else**:

**return** leap

year = **int**(**input**())

1. **PRINT FUNCTION PROGRAM**

n=**int**(**input**())

**for** i **in** **range**(1,n+1):

**print**(i,end="")