Code Indented by RJD

In [5]:
```python
n = int(input("enter an interger:"))

if (n % 2 == 0):
    print(f"{n} is a Even Number")
else:
    print(f"{n} is a Odd Number")
```

Out[5]: enter an interger: `10`

10 is a Even Number

In [6]:
```python
n = int(input("enter an interger:"))

if (n % 2 == 0):
    print(f"{n} is a Even Number")
else:
    print(f"{n} is a Odd Number")
```

Out[6]: enter an interger: `11`

11 is a Odd Number

In [8]:
```python
perctage = int(input("eEnter your Perctage:"))
if(perctage >= 60):
    print("Congrats you acheived First Disivion")
elif(perctage >= 45 and perctage < 60):
    print("Nice try you managed to get Second Division")
elif(perctage >= 35 and perctage < 45):
    print("Well Played you have just passed and got the Third Division")
elif(perctage < 35):print("Better Luck Next Time ,You are Fail")
```

Out[8]: eEnter your Perctage: `90`

Congrats you acheived First Disivion

In [9]:
```python
perctage = int(input("eEnter your Perctage:"))
if(perctage >= 60):
    print("Congrats you acheived First Disivion")
elif(perctage >= 45 and perctage < 60):
    print("Nice try you managed to get Second Division")
elif(perctage >= 35 and perctage < 45):
    print("Well Played you have just passed and got the Third Division")
elif(perctage < 35):print("Better Luck Next Time ,You are Fail")
```

Out[9]: eEnter your Perctage: `55`

Nice try you managed to get Second Division

In [10]:
```python
perctage = int(input("eEnter your Perctage:"))
if(perctage >= 60):
    print("Congrats you acheived First Disivion")
elif(perctage >= 45 and perctage < 60):
    print("Nice try you managed to get Second Division")
elif(perctage >= 35 and perctage < 45):
    print("Well Played you have just passed and got the Third Division")
elif(perctage < 35):print("Better Luck Next Time ,You are Fail")
```

Out[10]: eEnter your Perctage: `40`

Well Played you have just passed and got the Third Division

In [11]:
```python
perctage = int(input("eEnter your Perctage:"))
if(perctage >= 60):
    print("Congrats you acheived First Disivion")
elif(perctage >= 45 and perctage < 60):
    print("Nice try you managed to get Second Division")
elif(perctage >= 35 and perctage < 45):
    print("Well Played you have just passed and got the Third Division")
elif(perctage < 35):print("Better Luck Next Time ,You are Fail")
```

Out[11]: eEnter your Perctage: 30

Better Luck Next Time ,You are Fail

In [14]:
```python
year =int(input("Enter year:"))
if((year % 4 == 0)and(year % 400== 0 or year % 100 != 0)):
    print(f"The year {year} is a Leap Year")
else:
    print(f"The year {year} is NOT a Leap Year")
```

Out[14]: Enter year: 2000

The year 2000 is a Leap Year

In [15]:
```python
year =int(input("Enter year:"))
if((year % 4 == 0)and(year % 400== 0 or year % 100 != 0)):
    print(f"The year {year} is a Leap Year")
else:
    print(f"The year {year} is NOT a Leap Year")
```

Out[15]: Enter year: 2005

The year 2005 is NOT a Leap Year

These are just codes for writing purpose above code contains total of 3 codes

You need not to write all the cases of the code just write total of 3 codes.

Code 1 :- Test weather the number is Odd or even

Code 2 :-Write a Python program that takes a student's percentage as input and prints a message based on their division. The program should categorize the percentage into First Division, Second Division, Third Division, or Fail based on the following criteria:

First Division: percentage >= 60

Second Division: 45 <= percentage < 60

Third Division: 35 <= percentage < 45

Fail: percentage < 35"

Code 3 :- Write a Python program that takes a year as input and checks whether it is a leap year.

The program should print a message indicating whether the entered year is a leap year or not.