PYTHON PROJECT

```python
a=int(input("enter the starting year "))
b=int(input("enter the ending year "))
c=0
d=0
e=[]
f=[]
while(a<=b):
    if (a % 400 == 0) and (a % 100 == 0):
        e.append(a)
        c=c+1
    elif(a%4==0) and (a%100!=0):
        e.append(a)
        c=c+1
    else:
        f.append(a)
        d=d+1
    a=a+1
print(f"Total no of leap year is {c} ")
print(f"LEAP YEARS ARE {e}")
print(f"Total no of non leap year is {d}")
print(f"NON LEAP YEARS ARE {f}")
```

OUTPUT:

enter the starting year 2000

enter the ending year 2022

Total no of leap year is 6

LEAP YEARS ARE [2000, 2004, 2008, 2012, 2016, 2020]

Total no of non leap year is 17

NON LEAP YEARS ARE [2001, 2002, 2003, 2005, 2006, 2007, 2009, 2010, 2011, 2013, 2014, 2015, 2017, 2018, 2019, 2021, 2022]