1. **CALENDAR**

**import calendar**

**year=2023**

**month=1**

**x=calendar.month(year,month)**

**print (x)**

**2.MULTIPLICATION TABLE**

**number=int ( input (“enter an integer:”))**

**for count in range (1,11):**

**Product=number\*count**

**Print (number,”x”,count,”=”, product)**

**3.FINDING PRIME NUMBERS**

**n=int (input (“enter a number”))**

**for I in range (2,n):**

**if n%i==0:**

**break**

**if i+1==n:**

**Print (n,” is a prime no”)**

**else:**

**print (n,”is not a prime no”)**

**4.AREA OF A CIRCLE**

**print (“enter the radius of a circle”)**

**r=int (input ())**

**area=3.14\*r\*r**

**print (“area of a circle is ;”,area)**

**5.TO CHECK THE LEAP YEAR**

**year=int (input (“enter the year:”))**

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

**print(year,”is leap year”)**

**elif (year%4==0)and (year %100!=0):**

**print (year ,”is leap year”)**

**else:**

**print (year,”is not leap year”)**