import datetime

ob = datetime.datetime.now()

print(type(ob))

print('-'\*25)

print(ob)

print(ob.year)

print(ob.month)

print(ob.day)

print(ob.hour)

print(ob.minute)

print(ob.second)

str1 = str(ob.hour)+':'+str(ob.minute)+':'+str(ob.second)

print(str1)

print("-"\*25)

print("1 week ago it was:", ob-datetime.timedelta(weeks=1))

print("100 days ago it was:", ob-datetime.timedelta(days=100))

print("1 week from now it will be:", ob+datetime.timedelta(weeks=1))

print("1000 days later it will be:", ob+datetime.timedelta(days=1000))

yy=int(input("Enter the year"))

mm=int(input("Enter the month"))

dd=int(input("Enter the date"))

bday=datetime.datetime(yy,mm,dd)

print('-'\*25)

print("Birthday in...",ob-bday)

print('-'\*25)

