

## 1. Functuion penjualan bioskop

```
def penjualan():
    print("judul film:")
    judul = input()
    print("jumlah tiket terjual:")
    terjual = input()
    print("harga Tiket:")
    harga = input()
    print("Tayang di kota:") # use coma as separator
    list_kota = [item for item in input("Enter the list items : ").split(",")
    ]
    total= float(terjual)*float(harga)
    print("Tiket film", judul ,"terjual sebanyak", terjual ,"dengan total pe
ndapatan", total ,"di kota",list_kota)

penjualan()
```

## 2. Function menghitung jarak antar hari

```
def jumlah_kabisat(year1,year2):
    container=[]
    if (year1>year2):
        tahun1=year2
        tahun2=year1
        for i in range(tahun1+1,tahun2):
            if (i%4==0):
                container.append(i)
        return(-len(container))
    else:
        tahun1=year1
        tahun2=year2
        for i in range(tahun1+1,tahun2):
            if (i%4==0):
                container.append(i)
        return(len(container))
def count(month,year):
```

```

        total=0
        tahun=int(year)
        bulan=int(month)-1
        if (tahun%4 != 0):
            hari = [ 31, 28, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31]
        else:
            hari = [ 31, 29, 31, 30, 31, 30, 31, 31, 30, 31, 30, 31]
        for i in range(bulan):
            total = total +hari[i]
        return total

def hitung_hari ():

    print("tanggal 1 yyyy-mm-dd:")
    date1=input()
    print("tanggal 2:")
    date2=input()

    y1,m1,d1= date1.split('-')
    y2,m2,d2= date2.split('-')

    banyak_hari1 = count(m1,y1)+int(d1)
    banyak_hari2 = count(m2,y2)+int(d2)
    selisih = banyak_hari2-banyak_hari1 + ((int(y2)-
int(y1))*365) + jumlah_kabisat(int(y2),int(y1))

    return abs(selisih)

print('selisih:', hitung_hari())

```