Project

AIM : write a program for a csv file “people.csv” containing name,age,profession of people.count and display the number of people in the following age range (20,30),(31,40),(41,50) and above 50.

CODE

import csv

def insert():

f=open("people.csv",'w',newline='')

uj=csv.writer(f)

l=["name","age","profession"]

uj.writerow(l)

while True:

a=input("enter the name")

b=int(input("enter the age"))

c=input("enter the profession")

d=[a,b,c]

uj.writerow(d)

k=input("enter t to exit any other letter to continue")

if k=="t":

break

def vivid():

z=0

x=0

n=0

m=0

f=open("people.csv",'r',newline='')

j=csv.reader(f)

next(j)

for i in j:

if int(i[1])>=20 and int(i[1])<=30:

z+=1

if int(i[1])>=31 and int(i[1])<=40:

x+=1

if int(i[1])>=41 and int(i[1])<=50:

n+=1

if int(i[1])>50:

m+=1

print("the number of people in the age group(20-30) is ",z)

print("the number of people in the age group(31-40) is ",x)

print("the number of people in the age group(41-50) is ",n)

print("people whose age is greater than 50 are ",m)

insert()

vivid()

OUTPUT

python 3.7.3 (v3.7.3:ef4ec6ed12, Mar 25 2019, 21:26:53) [MSC v.1916 32 bit (Intel)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

>>>

RESTART: C:\Users\LAB003\AppData\Local\Programs\Python\Python37-32\sranav13.py

enter the namejhon

enter the age11

enter the professionmechanic

enter t to exit any other letter to continuef

enter the namedilan

enter the age22

enter the professionsoldier

enter t to exit any other letter to continues

enter the namevirat

enter the age33

enter the professiontrader

enter t to exit any other letter to continueg

enter the namedhoni

enter the age45

enter the professionplayer

enter t to exit any other letter to continuef

enter the namevenkatesh

enter the age58

enter the professiontutor

enter t to exit any other letter to continuef

enter the nametom

enter the age89

enter the professionactor

enter t to exit any other letter to continued

enter the nameyousaf

enter the age35

enter the professionbusiness

enter t to exit any other letter to continuet

the number of people in the age group(20-30) is 1

the number of people in the age group(31-40) is 2

the number of people in the age group(41-50) is 1

people whose age is greater than 50 are 2

>>>