**capstone project-1 :**

**problem:-develop a python module to create a person class. include attributes like name, country and dob, implement a method to determine the persons age.**

­from datetime import date

class person:

def\_\_init\_\_(self, name ,country ,dob):

self. name=name

self. country=country

self. dob=dob

def calage(self):

today=date.today()

age = today.year-self.dob.year

if today < date(today.year,self.dob.month, self.dob.day):

age -= 1

return age

p1 = person("sai", "India", date(2007, 15, 3))

print("calculated age for each person")

print("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*")

print("Person 1:")

print("Name:", p1.name)

print("Country", p1.country)

print("Date of birth", p1.dob)

print("Age", p1.calage())