Create a program a employee class with variables id, name, salary, department,as protected and salary as private.write two methods to show salary and department with name in encapsulation in python

Program

Class employee:

Def\_\_init\_\_(self,id,name,salary,department)

Self.id=id

Self.name=name

Self.\_department=department

Self.\_\_salary=salary

Def salary(self)

(self.name),salary:(self.\_\_salary)

Def department(self)

(self.name),department:(self.\_department)

class Employee:

def \_\_init\_\_(self, emp\_id, name, salary, department):

self.\_id = emp\_id # protected variable

self.\_name = name # protected variable

self.\_\_salary = salary # private variable

self.\_department = department # protected variable

def show\_salary(self):

return f"{self.\_name}'s salary is: {self.\_\_salary}"

def show\_department(self):

return f"{self.\_name} works in the {self.\_department} department."