#1,public

class Student:

id=123

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

self.\_\_name=name

def display(self):

print("Name:",self.\_\_name)

s=Student("Asta")

s.display()

print(s.id)

#2,public

class Employee:

id=input("enter the id:")

def \_\_init\_\_(self):

self.\_\_name=input("enter the name:")

def display(self):

print("Name:",self.\_\_name)

s=Employee()

s.display()

print(s.id)

#3,(\_\_private,\_protected)

class Employee:

def \_\_init\_\_(self):

self.\_id=input("enter the id:")

self.\_\_name=input("enter the name:")

def display(self):

print("Name:",self.\_\_name)

print(self.\_id)

s=Employee()

s.display()

#4.

class Employee:

def \_\_init\_\_(self,name,salary):

self.name=name

self.\_\_salary=salary

e=Employee("ASTA",50000)

print("Name:",e.name)

print("salary:",e.\_Employee\_\_salary)

#5.inhertance using private,public,protected

class Employee:

def \_\_init\_\_(self,name,salary):

self.name=name

self.\_\_salary=salary

class Person(Employee):

def \_\_init\_\_(self,name,salary,year):

Employee.\_\_init\_\_(self,name,salary)

self.\_\_year=year

e=Person("ASTA",50000,2024)

print("Name:",e.name)

print("salary:",e.\_Employee\_\_salary)

print("year:",e.\_Person\_\_year”)