class Employee:

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

self.emp\_id = emp\_id

self.name = name

self.salary = salary

def calculate\_salary(self):

pass

class Hourly\_Employee( Employee):

def \_\_init\_\_(self,emp\_id,name,salary,hourly\_rate,hours\_worked):

super(). \_\_init\_\_(self,emp\_id,name,salary)

self.hours\_worked = hours\_worked

self.hourly\_rate = hourly\_rate

def calculate\_salary(self):

return hourly\_rate\*hours\_worked

class salaried\_Employee( Employee):

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

super(). \_\_init\_\_(self,emp\_id,name,salary)

self.monthly\_salary = monthly\_salary

def calculate\_salary(self):

return monthly\_salary

class HourlyWorker(Employee):

def \_\_init\_\_(self, emp\_id, name, hourly\_rate, hours\_worked):

super().\_\_init\_\_(emp\_id, name)

self.hourly\_rate = hourly\_rate

self.hours\_worked = hours\_worked

def calculate\_salary(self):

return self.hourly\_rate \* self.hours\_worked

class commision\_Employee(salaried\_Employee):

def \_\_init\_\_(self,emp\_id,name,salary,monthly\_salary,commission,sales):

super(). \_\_init\_\_(self,emp\_id,name,commission)

self.commission= commission

self.sales= sales

def calculate\_salary(self):

return monthly\_salary + commission+sales

class Employee:

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

self.emp\_id = emp\_id

self.name = name

def calculate\_salary(self):

pass

class SalaryWorker(Employee):

def \_\_init\_\_(self, emp\_id, name, weekly\_salary):

super().\_\_init\_\_(emp\_id, name)

self.weekly\_salary = weekly\_salary

def calculate\_salary(self):

return self.weekly\_salary

class HourlyWorker(Employee):

def \_\_init\_\_(self, emp\_id, name, hourly\_rate, hours\_worked):

super().\_\_init\_\_(emp\_id, name)

self.hourly\_rate = hourly\_rate

self.hours\_worked = hours\_worked

def calculate\_salary(self):

return self.hourly\_rate \* self.hours\_worked

class CommissionWorker(SalaryWorker):

def \_\_init\_\_(self, emp\_id, name, weekly\_salary, commission\_rate, sales):

super().\_\_init\_\_(emp\_id, name, weekly\_salary)

self.commission\_rate = commission\_rate

self.sales = sales

def calculate\_salary(self):

return super().calculate\_salary() + self.commission\_rate \* self.sales

employee1 = SalaryWorker()

employee2 = HourlyWorker()

employee3 = CommissionWorker()

salary1 = employee1.calculate\_salary()

salary2 = employee2.calculate\_salary()

salary3 = employee3.calculate\_salary()

print("Salary for {employee1.name}: {salary1}")

print("Salary for {employee2.name}: {salary2}")

print("Salary for {employee3.name}: {salary3}")