class Vehicle:

    def \_\_init\_\_(self, make, model):

        self.make = make

        self.model = model

    def display\_info(self):

        print(f"Make: {self.make}, Model: {self.model}")

class Car(Vehicle):

    def \_\_init\_\_(self, make, model, num\_doors):

        super().\_\_init\_\_(make, model)

        self.num\_doors = num\_doors

    def additional\_info(self):

        print(f"Number of Doors: {self.num\_doors}")

class LuxuryCar(Car):

    def \_\_init\_\_(self, make, model, num\_doors, features):

        super().\_\_init\_\_(make, model, num\_doors)

        self.features = features

    def additional\_info(self):

        super().additional\_info()

        print(f"Luxury Features: {self.features}")

class Employee:

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

        self.name = name

        self.position = position

    def display\_info(self):

        print(f"Name: {self.name}\nPosition: {self.position}")

class Manager(Employee):

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

        super().\_\_init\_\_(name, position)

        self.department = department

    def additional\_info(self):

        print(f"Department: {self.department}")

class Worker(Employee):

    def \_\_init\_\_(self, name, position, hours\_worked):

        super().\_\_init\_\_(name, position)

        self.hours\_worked = hours\_worked

    def additional\_info(self):

        print(f"Hours Worked: {self.hours\_worked}")