"""

Q1. Write a Python class named Rectangle with two variables

length and width. Write a method named area that calculates

and returns the area of the rectangle.

"""

class Rectangle:

    length = 0

    width = 0

    def area(self):

        self.length = int(input("enter length"))

        self.width = int(input("enter width"))

        return self.length \* self.width

s1 = Rectangle()

s2 = s1.area()

print(s2)

"""

Q2. Write a Python class named Car with two instance variables

make and model. Write a method named getMakeModel that

returns the make and model of the car as a string.

"""

class Car:

    make = ""

    model = ""

    def getMakeModel(self):

        self.make = input("enter make of car: ")

        self.model = input("enter model of car:   ")

        return self.make, self.model

s1 = Car()

s2 = s1.getMakeModel()

print(s2)

class BankAccount:

    def \_\_init\_\_(self):

        self.balance = 0

        self.accountNumber = 0

    def deposit(self):

        newAmount = int(input("enter amount to deposit"))

        self.balance = self.balance + newAmount

        print(f"Amount deposited successfully, New Balance is {self.balance}")

    def withdraw(self):

        newAmount = int(input("enter amount to withdraw"))

        self.balance = self.balance - newAmount

        print(f"Amount Withdrawn, new balance is {self.balance}")

s1 = BankAccount()

s1.deposit()

s1.withdraw()