1. Create the class **Car** with the following attributes: **model**, **color** and **max_speed**. Inside the class, create the method **compareCar(self, car2)** which gets an object of type **Car** as an argument and returns the text “car1 is better than car2” if the **maxSpeed** attribute of your car is larger than the **maxSpeed** attribute of car2 and returns the text “car2 is better than car1”` otherwise.
   Create class object(s) and test your class.

2. Create the class **Person**.

   Attributes: **name**, **last_name**, **age**, **gender, student** (this is a boolean attribute i.e.it takes values True/False), as well as a private attribute **password**

   Methods:
   Greeting(self, second_person) - gets an object of type Person as an input and prints “Welcome dear **X**.”, where **X** is the value of the **name** attribute of **second_person.**
   Goodbye(self) - prints “Bye everyone!”
   Favourite_num(self, num1) - gets an integer **num1** as an input and returns the text “My favourite number is **num1**”, using the value of the attribute **num1**.
   Read_file(self, filename) - gets a String **filename** as an input and tries to read the file with the name “**filename.**txt**”,** adding “.txt” at the end of the value of the attribute **filename.** Use the function **open()** to open the file.

   Add set and get methods for the attribute **password**.

   Optional: Add a decorator which will check how long does it take to execute the method **Greeting.**