*#My New Code.VIRTUAL PERSONALITY CREATION*

class User:

    def \_\_init\_\_(self, name, twitter\_username, instagram\_username, facebook\_username, linkedin\_username):

*self*.name = name

*self*.twitter\_username = twitter\_username

*self*.instagram\_username = instagram\_username

*self*.facebook\_username = facebook\_username

*self*.linkedin\_username = linkedin\_username

*self*.playlists = []

    def add\_playlist(self, playlist):

*self*.playlists.append(playlist)

    def get\_most\_listened\_artists(self):

        artists = {}

        for playlist in *self*.playlists:

            for song in playlist.songs:

                if song.artist not in artists:

                    artists[song.artist] = 1

                else:

                    artists[song.artist] += 1

        return artists

    def compare(self, other\_user):

        print(f"Comparing {self.name} and {other\_user.name}...")

        print(f"Twitter followers: {self.twitter\_username} - {other\_user.twitter\_username}")

        print(f"Instagram followers: {self.instagram\_username} - {other\_user.instagram\_username}")

        print(f"Facebook friends: {self.facebook\_username} - {other\_user.facebook\_username}")

        print(f"LinkedIn connections: {self.linkedin\_username} - {other\_user.linkedin\_username}")

        print("Most listened to artists:")

        self\_artists = *self*.get\_most\_listened\_artists()

        other\_artists = other\_user.get\_most\_listened\_artists()

        for artist in self\_artists:

            if artist in other\_artists:

                print(f"{artist}: {self\_artists[artist]} - {other\_artists[artist]}")

            else:

                print(f"{artist}: {self\_artists[artist]} - 0")

        for artist in other\_artists:

            if artist not in self\_artists:

                print(f"{artist}: 0 - {other\_artists[artist]}")