Random Name Generator by Using Python.

Hello every body

Welcome back to this real-world python project.

In this python project, we write a python program which generates a random name and address.

This program generates random name and address

For example, if you need to fill different forms and if you don't now the address you can generate a random name and address by using this python program and you can fill any form.

For that this is a very simple python project which helps you generate random name and address.

Ok, now I want to start from

Selecting python IDE

So, I use PyCharm python IDE

If you need another python IDE, you can use your favorite IDE

Now I open PyCharm and create a new python file

For that

I click this and I give the file name

Random name and Address

You can give any name for your python file and when I hit inter it creates a blank page like this

Now I start this project by importing

Important python modules

For that

I need to use faker python module

This faker python module is used to generate random names and address for that I need to use them

So, to use faker python module first you need to install it.

For that you can use PyCharm python ide to install faker python module.

At the bottom of PyCharm there is terminal section and when you click that

It opens the terminal like this

And

After that you need to write

Pip install faker

Like this and

When you hit inter, it starts to download and install automatically.

So, you can install to your python project by using this terminal section.

For me I already install this before and I don't install now

So, I import this python module for my project

For that I write

From faker import faker

The 2nd faker is F is capital

```
from faker import Faker
```

As you see F is capital

So, after you install faker python module

You can import by writing

From faker import faker.

Ok, now I import this important python module for this python project. The next is creating an object by using this faker class

For that

I give the object name fake

And

Fake = Faker()

Like this.

```
fake = Faker()
```
After that I use this fake object to create random name and random address

So,

I create a variable name and address

Name = "name:" inside a double quote and I concatenate with

 Fake.name()

Like this

```
name = "Name: " + fake.name()+ "\n"
```

This fake.name is used to generate a random name and

The next is

Address = "address:" and I add with fake.address()

This fake.address() function is used to generate a random address

```
address = "Address: " + fake.address()
```

And to separate the name and address I add this

"/n" this is used to generate name and address in a new line.

So, now to see the name and address

I print them

For that

I write

Print (name, address)

Like this

```
print(name,address)
```

Now I finish it

So, I will run and check how it works.

For that I run it

And

as you see it generates

random name and address

like this

you can generate any name and address.

If you run again it generates different name and also different address from the previous one

So, by using python programing language you can generate random name and address like this.

Ok, this is all about this python project

Thanks for watching

I will see you in the next python project

Thanks again.

!!! Full Code !!!

```python
# faker
# importing  faker python module
from faker import Faker

fake = Faker()
name = "Name: " + fake.name()+ "\n"
address = "Address: " + fake.address()

print(name,address)
```

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