



What is Object-oriented Programming?

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Last Lecture

- Short Presentations
- Review the last lecture
- Review in OOP examples
- How to implement in Python?
- **Application of Programming in the Digital Age!**



Today

- Short Presentations
- Review OOP with examples
- Our futuristic library
- **Application of Programming in the Digital Age!**



Together

Send your feedback about the
class whenever you want!



Contact me

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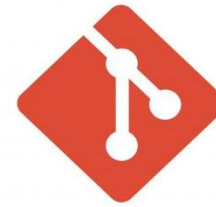


Short Presentations

Review OOP with examples



Let's read it!



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Python Data Types
Python3 – if , if..else, Nested if, if-elif statements
Loops in Python

Python OOPs Concepts

Read Discuss Courses Practice Video

👍 📌 ✎

In Python, object-oriented Programming (OOPs) is a programming paradigm that uses objects and classes in programming. It aims to implement real-world entities like inheritance, polymorphisms, encapsulation, etc. in the programming. The main concept of OOPs is to bind the data and the functions that work on that together as a single unit so that no other part of the code can access this data.

Main Concepts of Object-Oriented Programming (OOPs)

- Class
- Objects
- Polymorphism
- Encapsulation
- Inheritance
- Data Abstraction

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Fundamental Programming with Python 8

Our futuristic library!



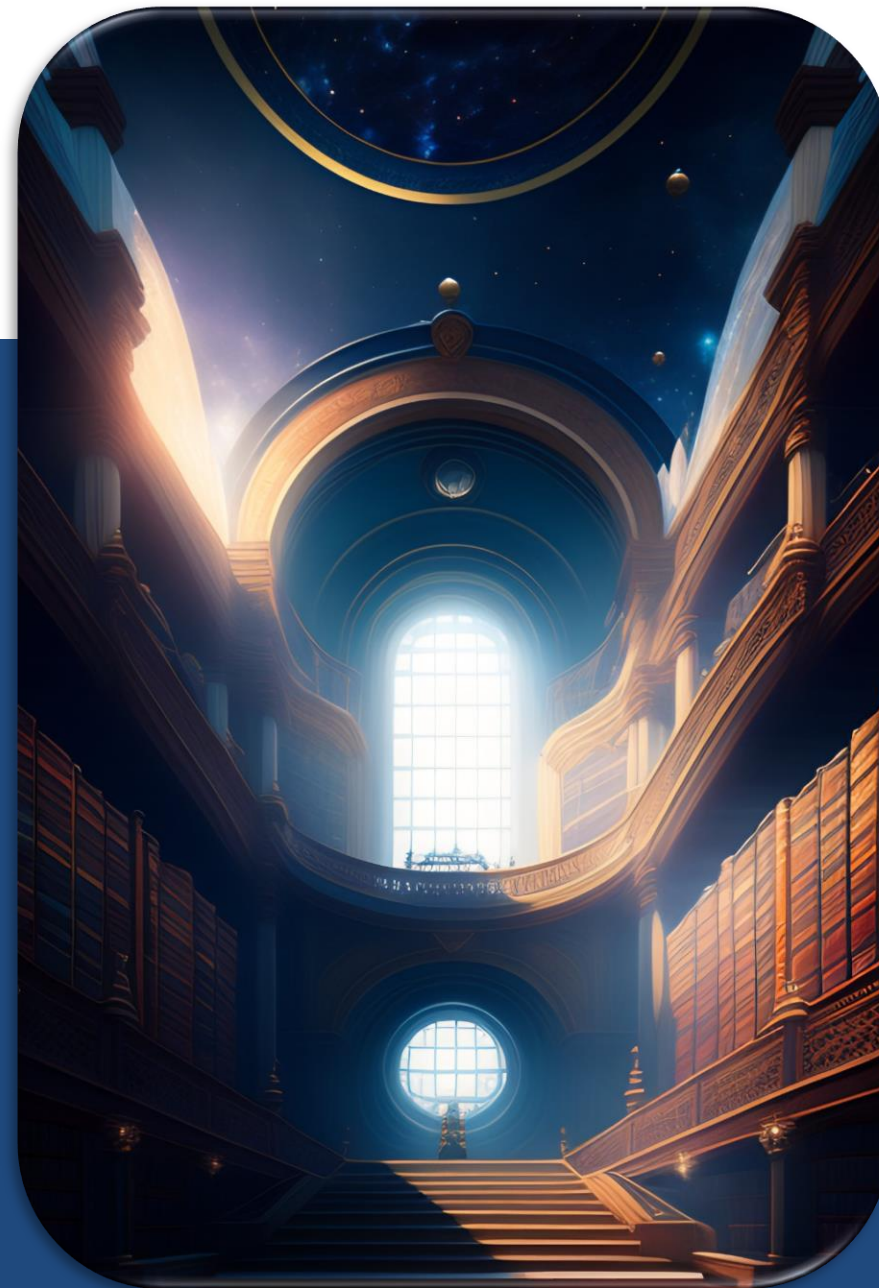
Our library 😊



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List of new features

- Build our lib
- Add search and sort for our book
- Add Shakhs class for parent class of Ketabkhoon

Application of Programming in the Digital Age!



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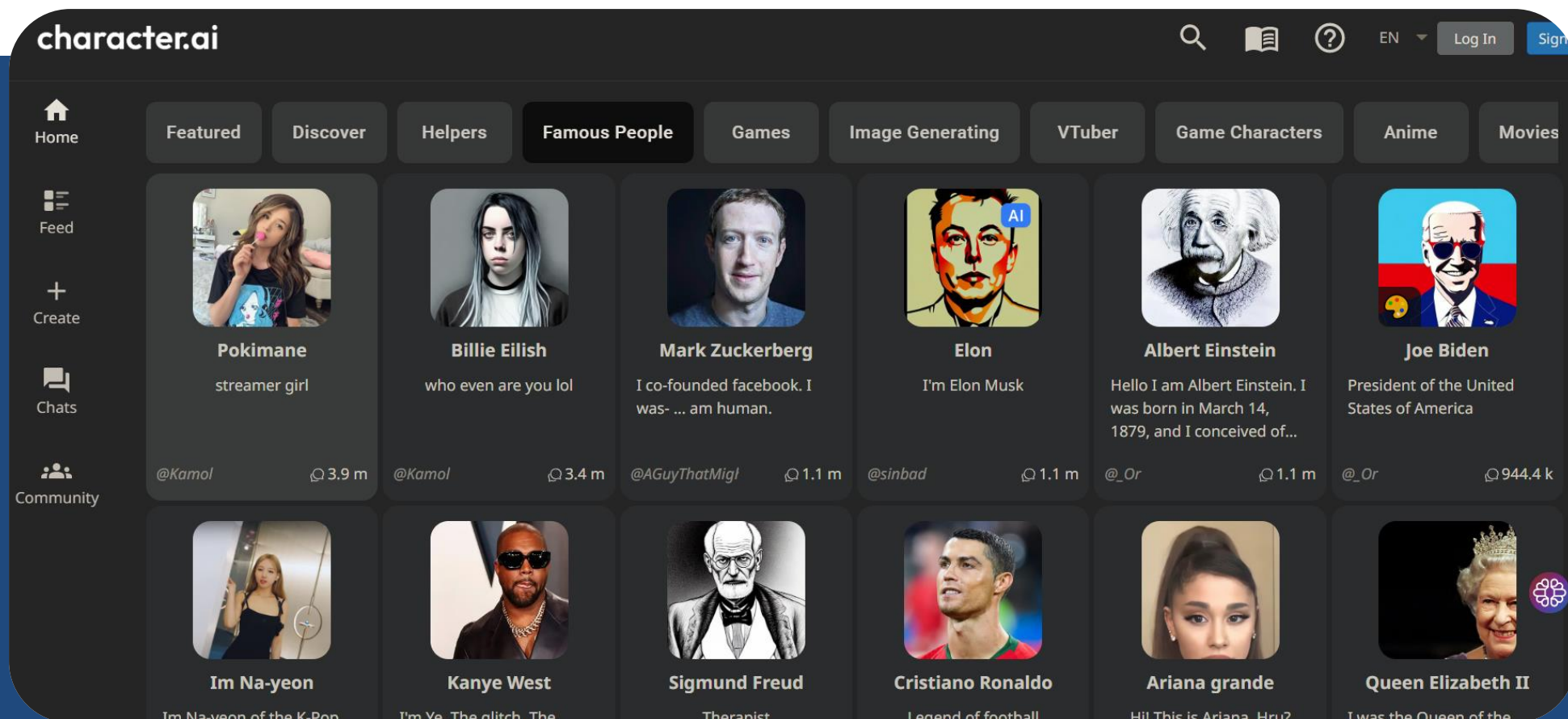
Saving Rainforests by Listening

How a small NGO from California is using cloud AI to protect
rainforest ecosystems around the world





یادتونه ازش تعریف کرده بودم؟





Lecture Resources

- <https://realpython.com/python3-object-oriented-programming/>
- <https://www.freecodecamp.org/news/object-oriented-programming-in-python/#:~:text=All%20four%20core%20aspects%20of,get%20some%20practice%20with%20them.>
- <https://www.geeksforgeeks.org/python-oops-concepts/>
- <https://www.programiz.com/python-programming/object-oriented-programming>