Full-stack applications - Beginner series

Project > Pythonic Quiz and CRUD applications

Tools > Python3 + Django + SQLite3



Resource Links

→ The slides available here on GitHub:

https://github.com/rnedesigns/WWC_Python_Events

- → URL of today's project:
- → https://mcquiz-pydj.herokuapp.com/

Agenda for the series 🐥

- Uses-cases of Python
- Tools | Libraries | Database
- Application's What and How
- Walk-through of the code and deployment
- Q&A



Use-cases of Python 🔆

- Full-stack web applications
- GUI/Desktop applications
- Game development
- Software Testing
- Web/Data scraping
- Data Analysis
- ML/DL applications
- NLP applications
- Network programming



Applications for the series 🤲

Projects and Coding demo on:

- CRUD application
- Quiz web app

Python3 > Development Tools & Libraries 🙌



It's General-purpose,
High-level &
Object-oriented language.
Garbage collected &
Interpreted language.
Initially designed by Guido van Rossum.





Python3 > Deployment Platforms

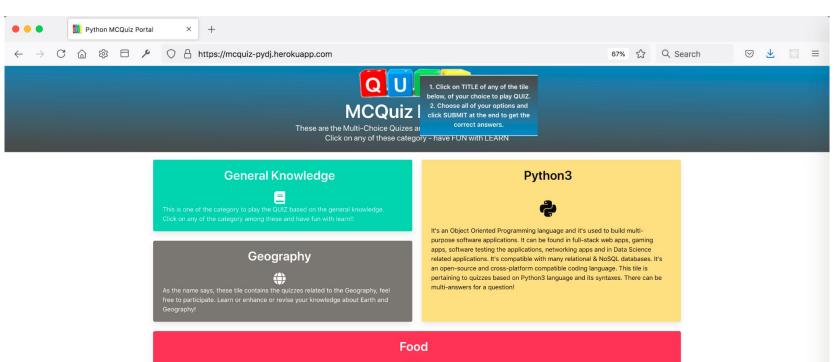
OSS platforms:













STEM



Sports







For Sports lovers and who enjoys playing any sport or wants to know about some facts about Football or Rugby etc. And about female and male players and about world cups or nobel prizes achievements. .





These are the Multi-Choice Quizes and category-wise as seen below . . . Click on any of these category - have FUN with LEARN

General Knowledge



Geography



Python3



It's an Object Oriented Programming language and it's used to build multipurpose software applications. It can be found in full-stack web apps, gaming apps, software testing the applications, networking apps and in Data Science related applications. It's compatible with many relational & NoSQL databases. It's an open-source and cross-platform compatible coding language. This tile is pertaining to quizzes based on Python3 language and its syntaxes. There can be multi-answers for a question!

Food



STEM



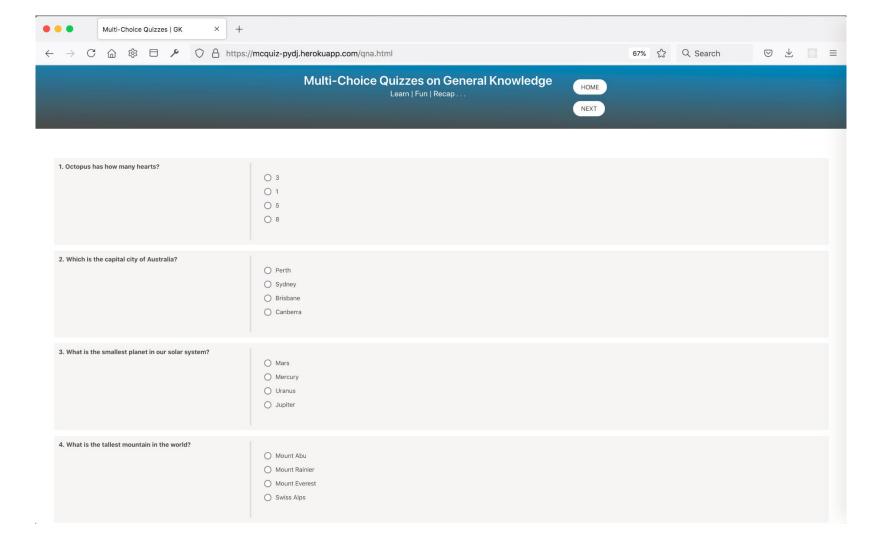
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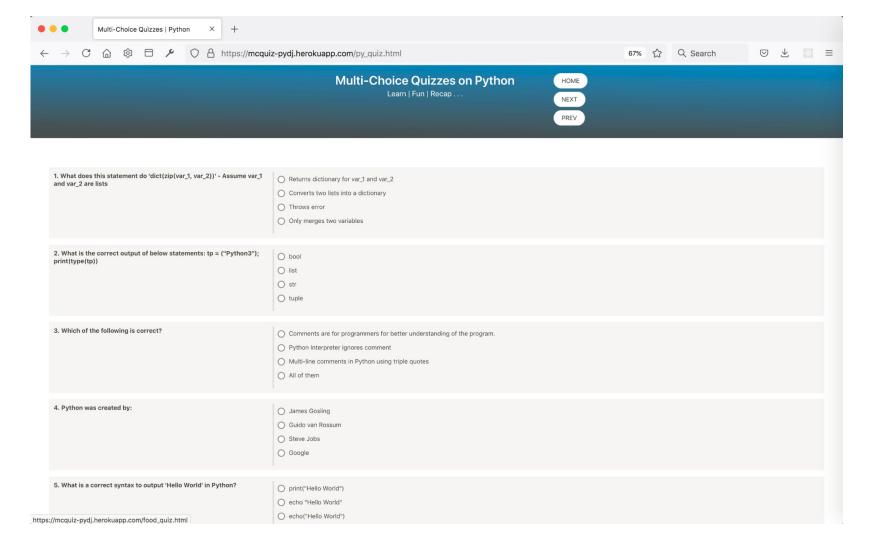
Sports





facts about Football or Rugby etc. And about female and male players and about







CRUD application - Students Registry Django Web Framework

Add Student

| Student ID | Student Name | Student Email | Student Address | Student Contact | Student Gender | Edit/Update | Delete |
|------------|--------------|----------------------|------------------------------------|-----------------|----------------|-------------|--------|
| 4 | Kate | kate@outlook.com | 342, Willson Street, UK | 4467583 | F | Edit | Delete |
| 5 | Williams | williams@outlook.com | 23, Eastham, UK | 4490280 | М | Edit | Delete |
| 6 | Rathod | rathod@gmail.com | 45, City Central, New Delhi, India | 916736 | М | Edit | Delete |
| 7 | John | john@gmail.com | 111, Gallions Reach, UK | 4413910 | М | Edit | Delete |
| 8 | Maina | maina@outlook.com | 56, High Street, Bombay, India | 919939 | F | Edit | Delete |

Add New Student Record

| Student Name | Enter Your Name |
|----------------------|---------------------------|
| Email | Enter Your Email |
| Address | Enter Your Address |
| Phone/Mobile Contact | Enter Your Contact Number |
| Gender | ○ Female ○ Male |
| Ins | ert Record Home Page |

Summary

Brief of today's content in few points

Join our Slack for Help

http://bit.ly/WWCodePythonSlack

We will be happy to answer questions you may have..!!

Thank you All ...!

Series presented by Women Who Code's Python track and Team

Quiz application on 22nd January 2022 at 11pm IST