"चला तर, python शिकू आपल्या भाषेत!"

Marathi Coding Shala

@MarathiCodingShala · 7.71K subscribers · 54 videos

नमस्कार मित्रांनो! 👋 🙏 ...more

youtube.com/channel/UCUc5mUOo3xqzlgXFCalFkbw and 2 more links

Customize channel   Manage videos   Visit Community

Home   Videos   Shorts   Live   Courses   Playlists   Posts   🔍
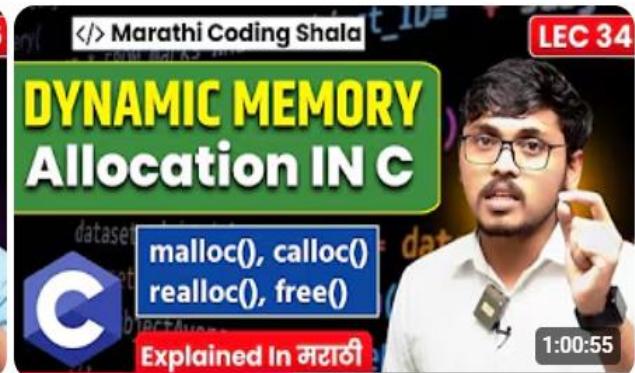
For You

🚀 Next 3 Years FULL FREE SERIES | Marathi Coding
Shala | Full Stack + AI Engineer Roadmap Planning...

Next 3 Years — FULL FREE SERIES — मराठी कोडिंग शाळा — Planning — FULLSTACK + AI ENGINEER Roadmap — 42:06

L26 | LCM आणि HCF Program in C (Marathi) |
Marathi Coding Shala

C PROGRAMMING — LEC 26 — LCM आणि HCF PROGRAM IN C EXPLAINED IN मराठी — 40:53

L-34 Dynamic Memory Allocation in C मराठीत |
malloc(), calloc(), realloc(), free()

</> Marathi Coding Shala — LEC 34 — DYNAMIC MEMORY Allocation IN C — malloc(), calloc() realloc(), free() — Explained In मराठी — 1:00:55

👉 जर तू AI Engineer, Data Scientist, Web Developer किंवा Hacker व्हायचं ठरवलं असेल —

तर Python हा पहिला आणि सर्वात महत्त्वाचा step आहे 💻 🔥

📘 **1. What is a Dictionary in Python?**
👉 **Definition:**
A **dictionary** is a collection of **key-value pairs** used to store data in an organized way.
Each value is accessed using its **unique key**, not by index.

🧩 **Syntax:**

```
dictionary_name = {
    key1: value1,
    key2: value2,
    key3: value3
}
```

📙 Example:

```
student = {
    "name": "Raj",
    "age": 20,
    "marks": 85
}
print(student)
```

{'name': 'Raj', 'age': 20, 'marks': 85}

💡 2. Accessing Values from Dictionary
You can access values using the **key name**.

```
print(student["name"])    # Output: Raj
print(student["marks"])   # Output: 85
```

If the key doesn't exist, you can use `.get()` method to avoid error:

```
print(student.get("rollno", "Key not found"))
```

⚙️ 3. Adding or Updating Values

```python
student["course"] = "Python"     # Add new key-value
student["marks"] = 90            # Update value
print(student)
```

{'name': 'Raj', 'age': 20, 'marks': 90, 'course': 'Python'}

🧹 **4. Removing Elements**

Function	Use	Example
pop(key)	Removes a specific key	student.pop("age")
popitem()	Removes the last item	student.popitem()
clear()	Removes all items	student.clear()

❇️ 5. Important Dictionary Functions

Function	Description	Example
keys()	Returns all keys	student.keys()
values()	Returns all values	student.values()
items()	Returns all key-value pairs	student.items()
len()	Returns total number of pairs	len(student)

🔁 6. Loop through a Dictionary

```
for key, value in student.items():
    print(key, ":", value)
```

```
name : Raj
age : 20
marks : 90
course : Python
```

7. Nested Dictionary (Dictionary inside Dictionary)

```
students = {
    1: {"name": "Amit", "age": 18},
    2: {"name": "Sneha", "age": 19}
}
print(students[1]["name"])   # Output: Amit
```

◆ myDict.get("key")

👉 दिलेल्या key ची value परत करतो.
जर ती key अस्तित्वात नसेल, तर `None` परत करतो (error देत नाही).

```python
myDict = {"name": "Jay", "age": 21, "city": "Pune"}
```

```python
print(myDict.get("age"))
print(myDict.get("country"))
```

```
21
None
```

myDict.update(newDict)
👉 दुसऱ्या dictionary मधील items या dictionary मध्ये add/merge करतो.

```
myDict = {"name": "Jay", "age": 21, "city": "Pune"}
```

```
newDict = {"country": "India", "age": 22}
myDict.update(newDict)
print(myDict)
```

```
{'name': 'Jay', 'age': 22, 'city': 'Pune', 'country': 'India'}
```

Write a program to find total marks of a student from dictionary.

```
marks = {"Math": 85, "Science": 90, "English": 88}
total = sum(marks.values())
print("Total Marks:", total)
```

Merge two dictionaries.

```
dict1 = {"a": 1, "b": 2}
dict2 = {"c": 3, "d": 4}
dict1.update(dict2)
print(dict1)
```

Concept	Meaning
Dictionary	Key-Value data ठेवण्यासाठी
Key	Unique असतो
Value	Key चं actual data
Mutable	बदल करता येतो
Access	Key ने access करतो
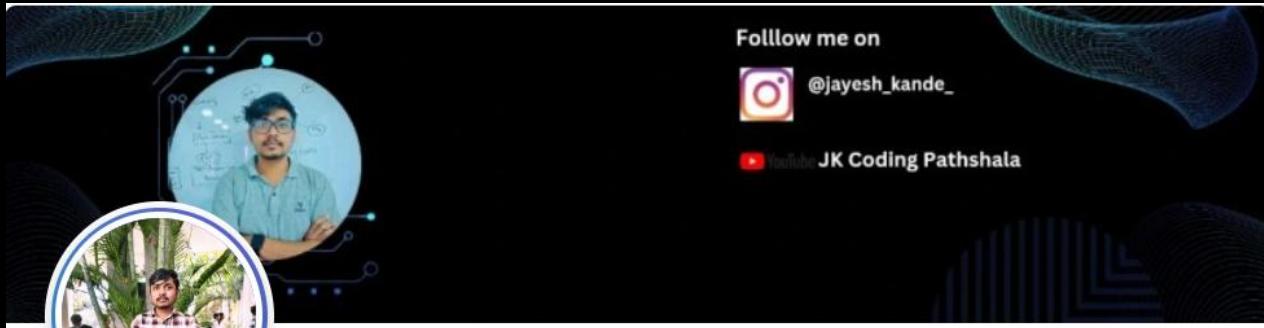
marathi_coding_shala   Follow   Message   ...

48 posts   5,221 followers   360 following

jayesh kande
🧑‍🏫 Faculty @ CoDing SeeKho
🖥️ Coding | College Exams | Placement Prep
🎥 YouTuber –Marathi Coding shala
-Jk Coding... more
🔗 yt.openinapp.co/0y0qd + 3

Folllow me on

@jayesh_kande_

JK Coding Pathshala

Kbt engineering college nashik

Jayesh Kande

Faculty at Coding Seekho (Offline + Online)|IT Engineering | Aspiring Web Developer | Java Enthusiast | Data Structures & Algorithms | Proficient in C, C++, Java, and MERN Stack | AI + Web Dev

Nashik, Maharashtra, India · **Contact Info**

725 followers · 500+ connections

JK Coding Pathshala

@jayeshkande9215 · 1.16K subscribers · 149 videos

🎓 Welcome to JK Coding Pathshala! ...more

youtube.com/channel/UC474QOAov9dTP9Y1nZwupqw and 3 more links

🔔 Subscribed ⌄   Join   View channel stats