



PRESENTS

41st Fortnightly Workshop on

PYTHON 101

AN INTRODUCTION TO PYTHON PROGRAMMING

Speaker: Ms Tejasvi Tyagi (Coding Mentor)

REQUIREMENTS FOR THE ATTENDEES

- ▶ Laptop with a good internet connection
- ▶ Keep the Compiler Link for Hands-on session: (<https://colab.google/>)



JOIN US



December 21st,
04:00PM IST



www.kamp.res.in



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LIVE
STREAM



zoom

KNOWLEDGE AND AWARENESS MAPPING PLATFORM

KNOWLEDGE SESSION 2023: EPISODE 41

ORGANIZED BY: KNOWLEDGE AND AWARENESS MAPPING PLATFORM

A KNOWLEDGE ALLIANCE OF



Topic: Python 101: An Introduction to Python Programming

Category: Career & Professional Development

Speakers/Presenters: Ms. Tejaswi Tyagi

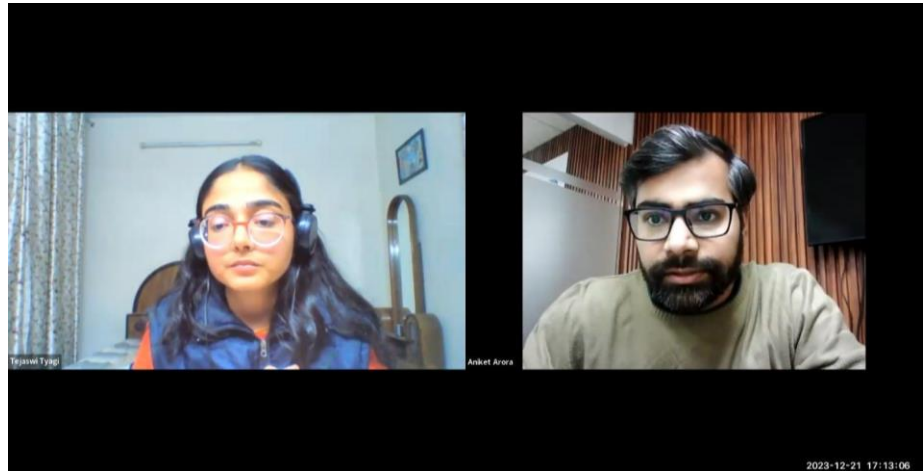
Organized for: Students from classes 5-12

Date: December 21, 2023

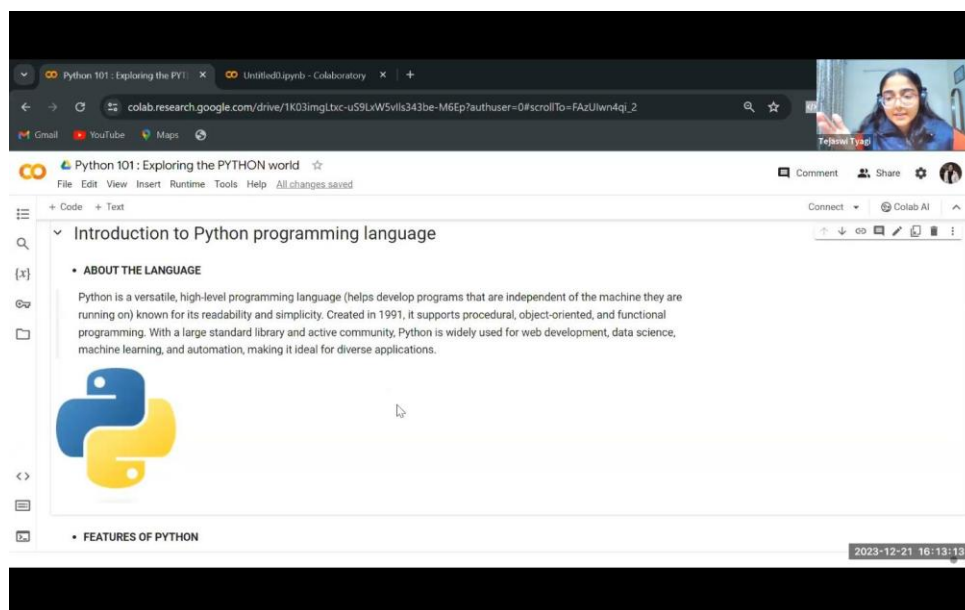
No. of Participants: 500+ students from different schools across India

Overview:

On December 21st, 2023, KAMP conducted its 41st Fortnightly Session on “Python 101: An Introduction to Python Programming” exclusively for more than 500 students from classes 5th to 12th from different schools across India. The session was convened by Mr. Aniket Arora, (Nodal for Outreach Activities, KAMP) and facilitated by Ms Tejaswi Tyagi (Coding



Mentor) with the purpose of helping students explore the language through an exclusive hands on workshop. In today's fast-paced and interconnected world, coding stands as the modern-day language that fuels innovation, shapes industries, and empowers individuals to bring their creative visions to life.



The primary objective of the session was to unravel the mysteries of Python, with the focus of providing hands-on experience through an exclusive workshop, allowing students to explore the language and its potential applications.

The session commenced with a comprehensive introduction to the Python programming language,

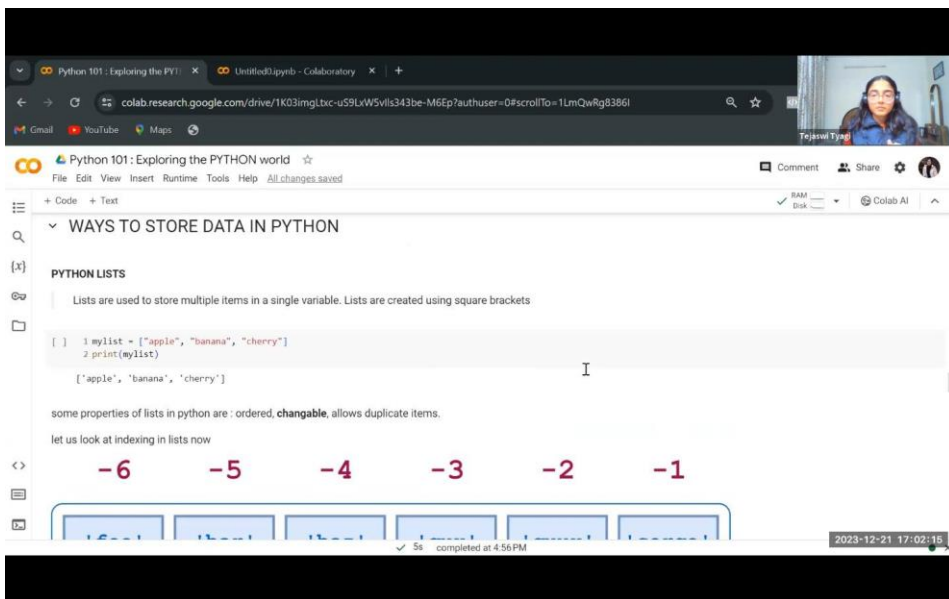
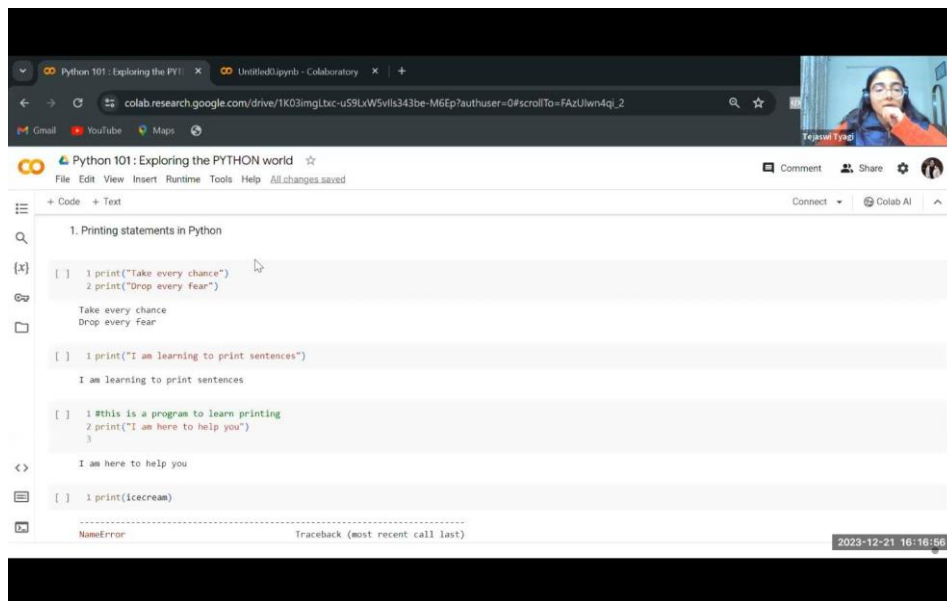
shedding light on its historical background, evolution, and its significance in the contemporary tech landscape. Students were guided through the fundamental concepts that form the basis of Python, laying a solid foundation for their exploration of this versatile language.

Furthermore, the workshop focused on the fundamental skill of printing statements in Python. Participants were guided through the syntax and usage of print statements, enabling them to display information on the console. This practical exercise not only reinforced their understanding of Python syntax but also provided a tangible skill that forms the building block for more complex programming tasks.

In conclusion, the Python 101 session not only introduced students to the basics of Python programming but also equipped them with a broader perspective on its role in the programming landscape.

By covering essential topics such as communication with computers, comparisons with other languages, and practical coding skills like printing statements, the session laid a robust groundwork for the participants to further explore and excel in the world of Python programming.

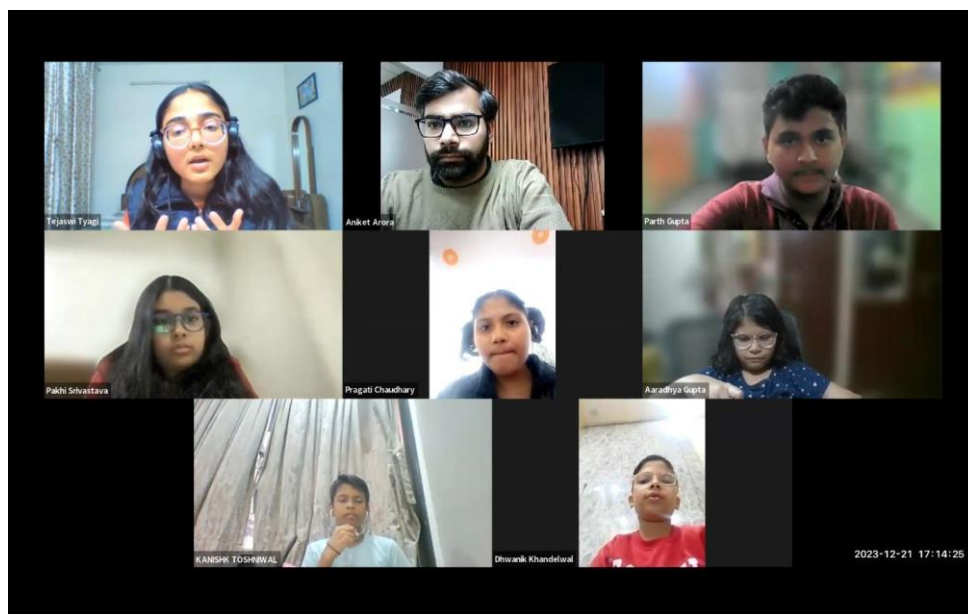
The purpose of KAMP's fortnightly workshops is to help students develop creativity, meaningful learning, and critical reading and thinking skills that bring out their inherent abilities. The vision of KAMP is to identify and capture Scientific and Technological



temperament in students to make India a Global Leader in the fields of Science, technology, and the humanities.

Such workshops, conducted by KAMP, deal with various topics that fall under the categories of Science, technology, and innovation, Scientific and Life Skills, Career and Professional Development, Academic development, and training trainers and teachers.

KAMP believes that with exposure to such topics from experts within such specific fields, students will become aware of real-life situations and challenges, develop a helping, problem-solving nature wherever possible, understand their core values and personal interests, evaluate their skills within the given area, and achieve their best in their most desirable way.



Organized By:
Knowledge and Awareness Mapping Platform
(KAMP Operations and Coordination Office)

Moderated By:
Mr. Aniket Arora
(Outreach Coordinator, KAMP)

Team Credits:
Ms. Arika Mathur
(Member, KPMC)

Ms. Kavita Tripathi
(Data Analyst)