

Introduction to Coding



DEAF YOUNG
CODE

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What is Coding?

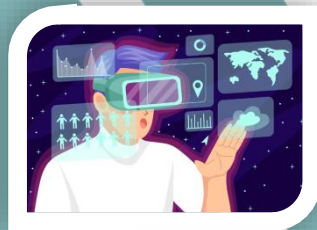
- Coding is the process to a computer to perform specific tasks.
- Coding is like a language.
- You use Sign language to communicate.
- A Computer uses programming languages to communicate.



Why learn Coding?

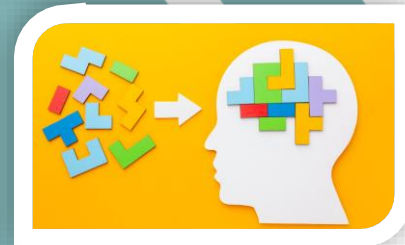
Critical Skill for the Digital Era:

In today's world, almost every industry depends on technology. Understanding coding helps you adapt and thrive in this technology-driven era.



Problem Solving and Creativity:

Coding enhances **logical thinking** and allows you to **create solutions** for real-world problems.



Career Opportunities:

From web development to artificial intelligence, coding **opens doors to various professions**.



Programming Languages Overview



Variety of languages available

- Python
- JavaScript
- C++
- Java
- etc.



How coding works?



Code

= writing instructions in a programming language

Example (Python)

```
``print ("Hello, World!")``
```

This code tells the computer to display the text
“Hello, World!” on the screen.



Tools for Beginners



Text Editors:

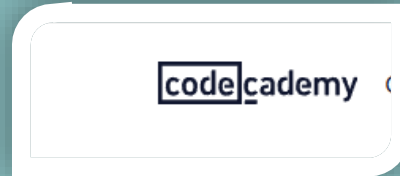
Software like VS Code or Notepad++ for writing code.



Online Platforms:

Websites offer free interactive tutorials, eg.

- Codecademy
- freeCodeCamp



freeCodeCamp (🔥)

Step to Get Started



-  Choose a Language
Start with **beginner-friendly** languages like **Python**.
-  Learn the Basics:
Understand key concepts like variables, loops, and functions.
-  Practice Regularly:
Build **small projects** to strengthen your skills.
-  Join Communities:
Engage with fellow learners and experts for **support and guidance**.

Applications of Coding



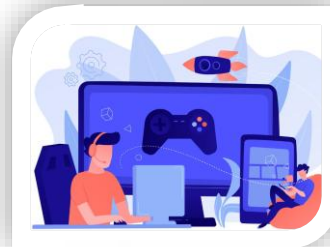
Web Development

Building websites and online platforms.



Game Development

Creating video games for various devices.



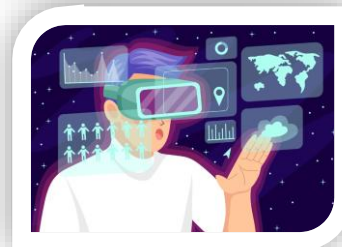
Data Analysis

Analyzing and interpreting data for insights.



Artificial Intelligence

Designing intelligent systems and applications.



Why It Matters?

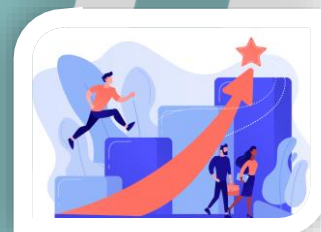
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Coding is not just for tech experts.
It's a **tool for anyone** who wants to innovate,
solve problems, or understand the technology shaping our future.
- 

Coding is a valuable investment
in your personal and professional growth.
- 

equips you with skills that are in demand across the globe
- 

develop a new hobby
or launch a career in tech, coding



Thank you for your attention!



Stay tuned for the next presentation!

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