



What is programming

Career Opportunities

What is programming

- The process of creating instructions for computers to perform tasks.

It involves code using **programming languages**

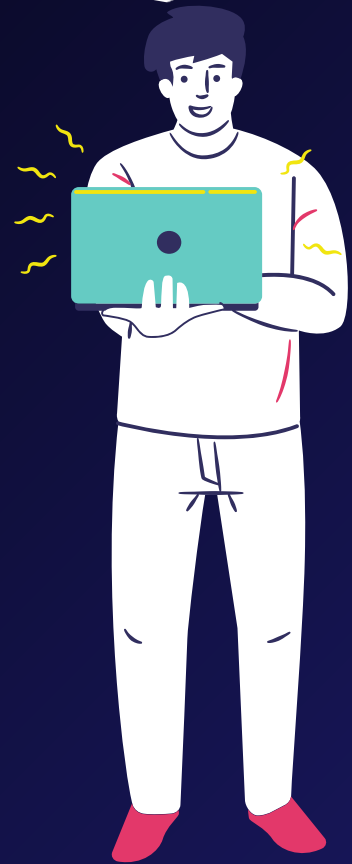


A set of syntax and rules that computers can understand and execute

What is programming

Layman's terms

A language through which humans communicate with computers to make them do what they want.



Example

*Imagine you have a robot
named Kali. You want Kali to
make you a sandwich.*



[Kali]



Instructions



- Pick up two slices of bread.
- Spread peanut butter on one slice.
- Spread jelly on the other slice.
- Put the two slices together.
- Serve the sandwich.

Programming enables countless possibilities

- Social Media Platforms
- Online Banking and Financial Services
- Healthcare Management Systems
- Entertainment and Gaming
- Online Marketplaces

Programming Languages



Usage



- Softwares
- Mobile Apps
- Websites
- Games
- Utilities

Career opportunities

- Software developer/engineer
- Web developer
- Mobile application developer
- Data scientist
- DevOps engineer