

# First day

Introduction to programming

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Computer Programming

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What is Computer Programming

Computer Programming is also known as coding, it involves writing well structured instruction for a computer to execute.

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Types of languages

- 1) Low level language
- 2) high level language

low level language: this is the closest to machine language  
examples are

- 1) machine language
- 2) assembly language: this uses assembles to convert codes

high level language: this uses compilers and interpreter to compile and interpret codes to machine language which is zeros and ones

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data

a data type refers to the attribute of a value which allows us to determine the type of operations that can be performed on it i.e logical, relational and arithmetic operations.

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git commands

git init - initialize repository

git add . - it allows us to push all our code

git commit -m ''- this allows us to make commits to our github  
the m is for message the quotes is for the message

git status: it shows us the status changes we have not committed

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git  
commands

git add

git push --set-upstream origin <branch name>

git commit -m ""

git push -u origin <branch name>

git branch <branch name>

git init

Git checkout <branch name>

git switch <branch name>

git pull origin <branch name>

git fetch origin <master branch>

git merge origin <master Branch>