Introduction to Data Structure and Algorithm

Data   structure

way to store the data i.e. adding structure the data
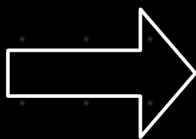
Why important ?

way we store our dota is going to determine
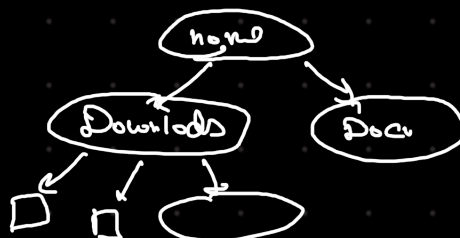how we solve our problem.

bookshelf

mayonk,
ram,
bhola,

Student - [ ]

undo/redo
bochword /forward

DSA
hello

Urdo

DSA

redo

hello ~~DSA~~

file

Algorithm

Algorithm are step by step instructions or procedures used to manipulate the data stored in a data structure

Fridge

List   tuple

helps to solve problem or complete task efficiently using the right data structure

eg.   dictionary

m
ma   mz
ncel maw
may___

{ }

1 → 2,3
2 → 3,2

So understanding of data structure and algorithm is very important