## Monkey Theorem.

- O initialize rempty string
- 2) generate Random Maracters -> Some as length of target string

Big (0) How to measure the effeciency of an algorithm.

- > Ro. of aperations is not important.
- Determining the root imp part of a program)
  objection.

t(n) = no of assignments. In the gragram. NOTE {loop within a loop  $\rightarrow n^2$ } Data structure: 

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(ADT): Type of data model

where implementation

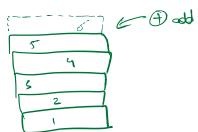
ADT only looks at is not a concern.

front end of things -> not

concerned about how it works -> Eg. Sum () function.

Stock. -> ordered collection of data.

-> can be used to reverse the order.



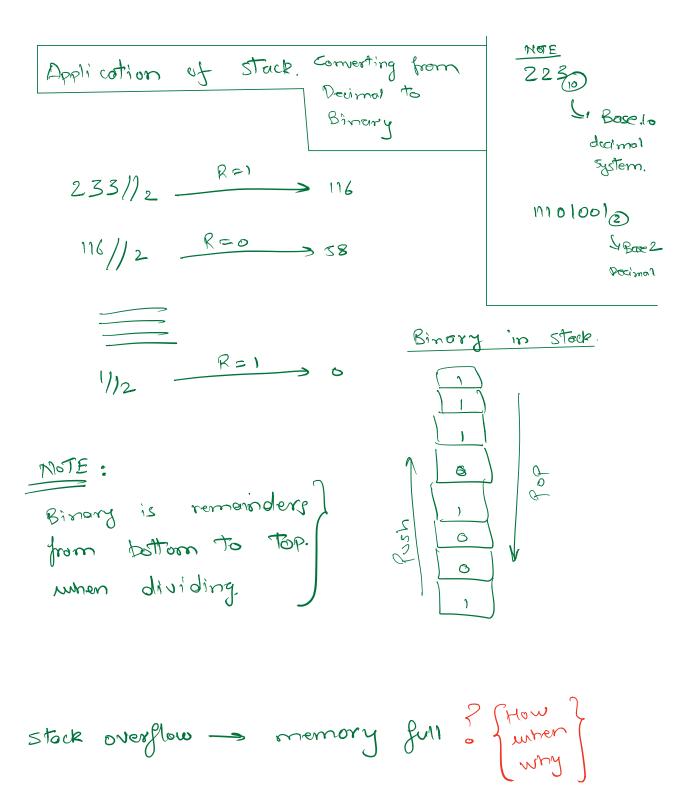
Eg: web browser. -> next / Book button.

home page is top of stock.

odd to stock > S. push ('--')

zhecks y stock is empty > S. is Empty () True
returns top value on stock > S. Peek

removes top value of \_\_\_\_\_\_ S. pop ()



Queve operations.

is empty ()

q. enqueve () 

will be added low (50)

q. dequeve () 

removes 15t value.

NOTE! Can iterate but cannot jump in the middle of a stock or queve.