## Data Structure

I to store the data in a structured manner

4 Array 7 Linked List 4 Stack 4 Queue 4 free & many more

m=10)

1 to 10

Approach 1 1 Loop int sum=0;

for (int i=1; ix=m; i++) &

sum + = i

return rum;

Time complexity = O(n) Lineer time complexity

- Sum of natural number given the value of n by the wer?

Approach Better approach No Toop

int sum=0.

1 time sum = m (n+1),

> Jehrn gum.

Time complexity = O() constant time complexion

> on natural mumbers