Computer Science Notes

```
public static int sum(int num1, int num2)
    int result = 0;
    for(int i = num1; i <= num2, i++)
        result += i
    return result;
```

define sum method

return → keyword

value returning method

call method

```
public static void main(String[] args)
    sop ( sum(1,10));
```

methods → name
parameters
return value type
body

modifier returnValueType methodName (params)
could be value returning or void *

Pointer

Node n1 = new Node (5)

Node n2 = new Node (10)

creates a new node of 15

n1. Set Next (n2) // Takes the value of n2 (10)

n2.setNext(New Node(15))

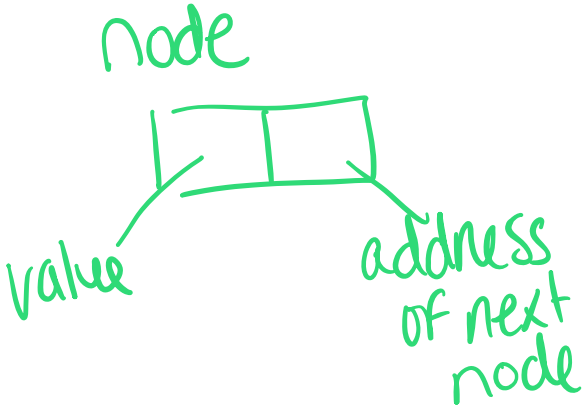
n2. new Node(20)

n2 now becomes

n3

Node 3 = new Node (25, n2)

creates N3



Node Class

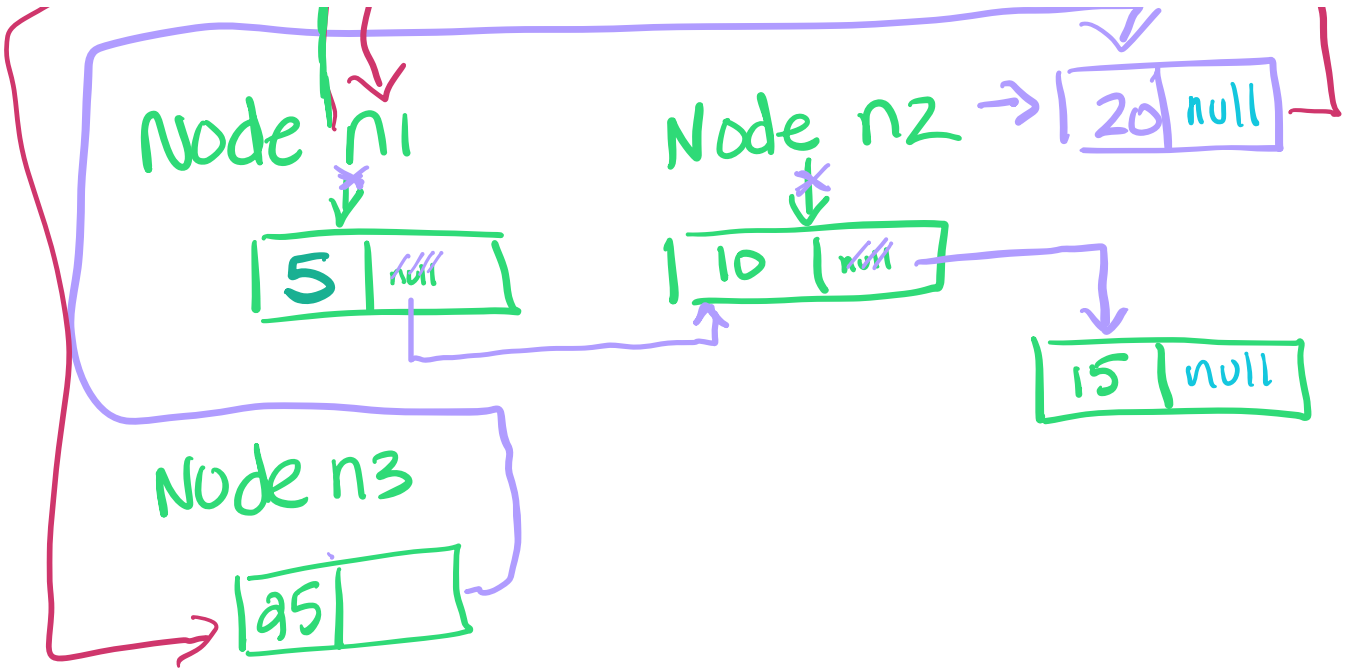
int data //any object

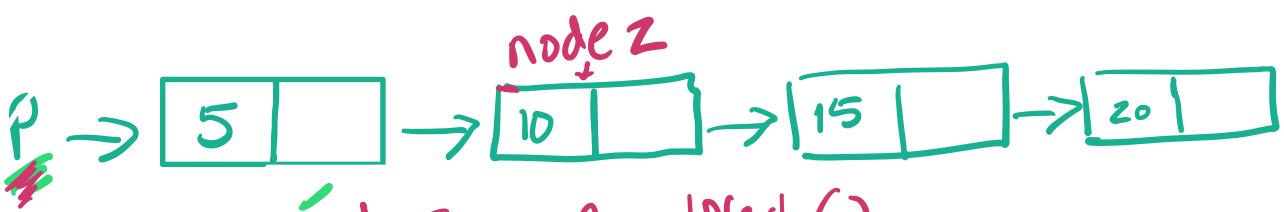
next

LinkedList

insert -> add @ end

insertAT = data, plac





node 2 = p.getNext()

1. Create a new Node variable set it to point to the node with the 10 in it.
2. Create a new Node variable & instantiate it to a new Node with a value of 30.
3. Write the code to insert this new Node between the 10 and 15.

Node y = new Node(30)

y.setnext(15)

z.setnext(y)