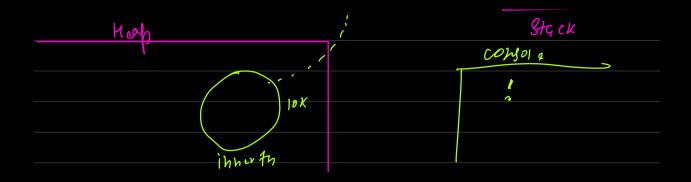
```
Agenda
```

- 1 dexical scope in j8
- (10 Sures, hested closures
- 1) (losures us block scape
- 6) Application of Closures
- B HOF.

file	file2
Vuy x = 10	
7 ch chin () }	νqγ x = 20
10g (x)	7h()
)	

```
function outerFunction() {
    let count = 0;
    function innerFunction() {
        count++;
        return count
    }
    return innerFunction
}

const innerFunc = outerFunction();
console.log(innerFunc())
console.log(innerFunc())
```

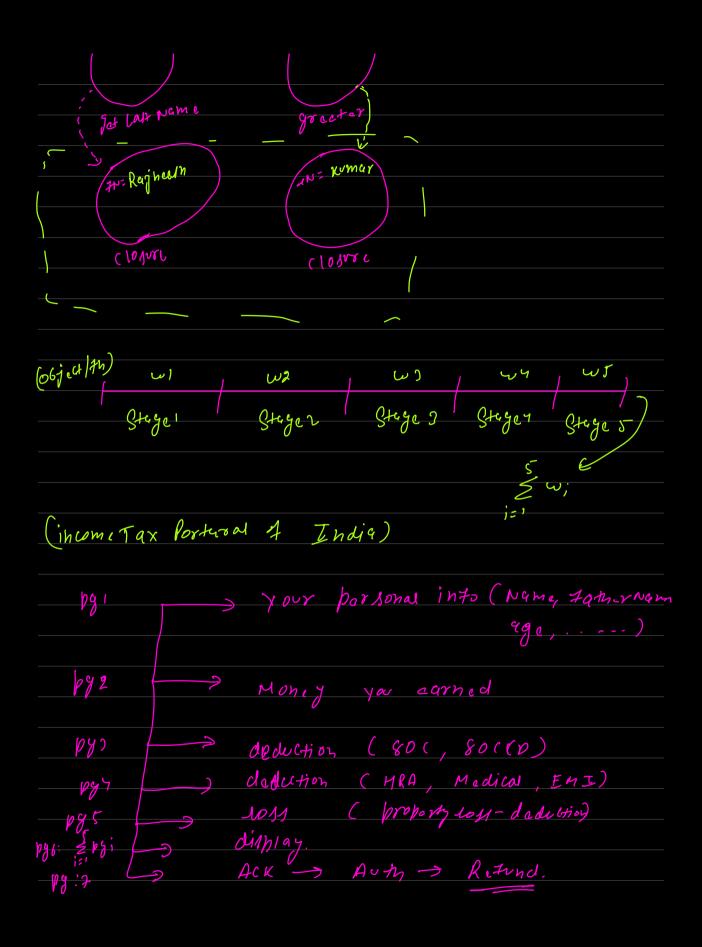


```
function createCounter(init, delta) {
                                                    Closure
    function count() {
                                                                              IOK
        init = init + delta;
                                                    i hit = 10,480
        return init;
                                                    delta = 5
    return count;
let c1 = createCounter(10, 5);
let c2 = createCounter(5, 2);
                                                                               20K
console.log(c1())
console.log(c2()) 7
console.log(c1()) 20
console.log(c2())
```

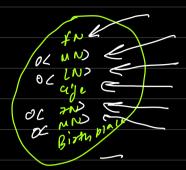
```
let iamINGEC = 200;
function getFirstName(firstName) {
    console.log("I have got your first Name");
    return function getLastName(lastName);
    return function greeter() {
        console.log("I have got Your last Name");
        return function greeter() {
            console.log("Hi I am ${firstName} ${lastName}^*); // closure
            console.log("Hi GEC", iamINGEC) // LEXICAL scope
            iamINGEC++;
        }
}

const fnNameRtrn = getFirstName("Rajneesh");
const lnNameRtrn("Kumar");
lnNameRtrn();
```

20K

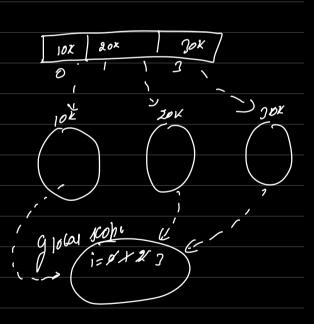


(pasona Into Builder)



Legineers Kunger yadqu Legineers Kunger (IN). (Dr). (_). ()

```
function outer() {
   let arrFn = [];
    for (var i = 0; i < 3; i++) {
        arrFn.push(function fn() {
            i++;
            console.log(i);
    return arrFn;
let arrFn = outer();
arrFn[0](); Y
arrFn[1](); 5
arrFn[2](); 6
```



```
function outer() {
                                                                                JOK
                                                                   LOX
   let arrFn = [];
                                                            102
    For (let i = 0; i < 3; i++) { -
       arrFn.push(function fn() {
                                                              0
           i++;
           console.log(i);
                                                          10 K
                                                                         20K
                                                                                       JOK
   return arrFn;
let arrFn = outer();
arrFn[0]();
arrFn[1]();
arrFn[2]();
                                                       1=0
                                                                                    1=2
                                                  6) OCK - CLOSURE GLOCK-CI.
                                                                                  6/01 (10)
```

