

Todas & Agenda
Today's agenda by Jactobial by 1c, 2 1P- by Junctions
4 °C 2 °P2
4 Junctions
9.
+244



```
Q) factorial
```

Lo Criven N, Point Jactorial of N.

Rui21: Jac+(4): 1+24 3+4 = 24

main () 4

Scanner Sch : new Scanner (system.in);

int n = Sch-nextInt(); +5

S.o.p (an);



· c> イ	an= LL2
Cannel Sch = new Scannel (system.in):	i icen
int n = Sch-nextInt(); +5	4
int ans=1;	
for (int i=1; i<=n; i++) <	3 t
for (int i=1; i =n; i++) {	4 4
3	5
	benit
-> S.o.p (an);	U CNIT
24	
	NCK
Alge	Prek
Alge	Prep
Alge	Preg
	Prep
	Pre p
	Pre p
	Pre p



11 °C, and Pr

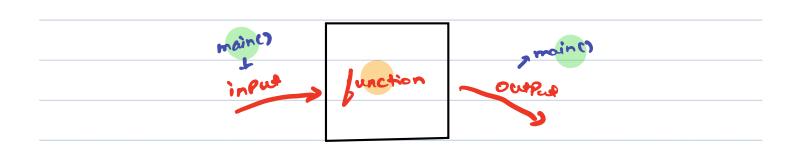
AlgoPrep

a) Given in and or, write an algorithm to Calculate co.

```
main () 4
  Scanner Sch : new Scanner (system.in);
      int n = Sch-nextInt();
      int 5 = Scn. nent Int (19
         int ans = 1; -> U
      for (int i=1; i =n; i++) 4
        and = and + 1;
        int ans = 1; > 15
      for (int i=1; i == 5; i++) 4
        anz = ans2 # 10
          int ans=1;
        for (int i=1; i=n-8; i++) {
         ans = ans # 10
        int ons = and (and * and);
           S.O.p (ans);
```



DRY -> Do not releast yourself

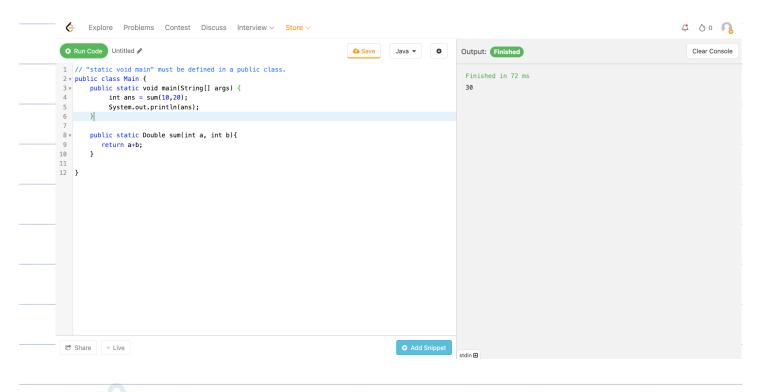


Syntan:

	$\mathbf{o}_{\mathbf{w}}$
2	Public Static int name (in Put) (
	MADRAN
	11statement 1
	11statement 2
	11statement 3

3

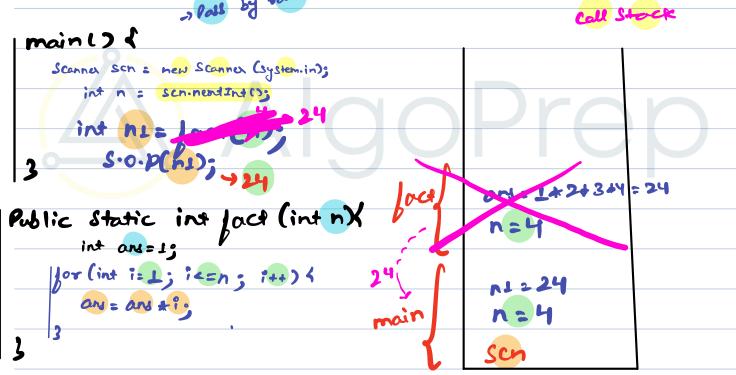








```
main 1) {
main () 1
  Scanner Sch : new Scanner Csystem.in);
                                               Scanner Sch : new Scanner (system.in);
                                                  int n = Schineral Int (); -5
      int n = Sch-neodInt(); -5
                                                  int ni= loca(n);
S.O.p(hi);
         int ans=1;
      for (int i=1; i =n; i++) {
                                           Public Static int Jack (int nX
         an = an #i.
                                                  int ans=19
                                               for (int i=1; i =n; i++) 4
         S.o.p (an):
                                                 Altum ans;
                 of tall by value
                                                               Call Stock
```



-> hetern in function is equal to break in for look.

-> you can have function with no outfut. Return type
Should be void.



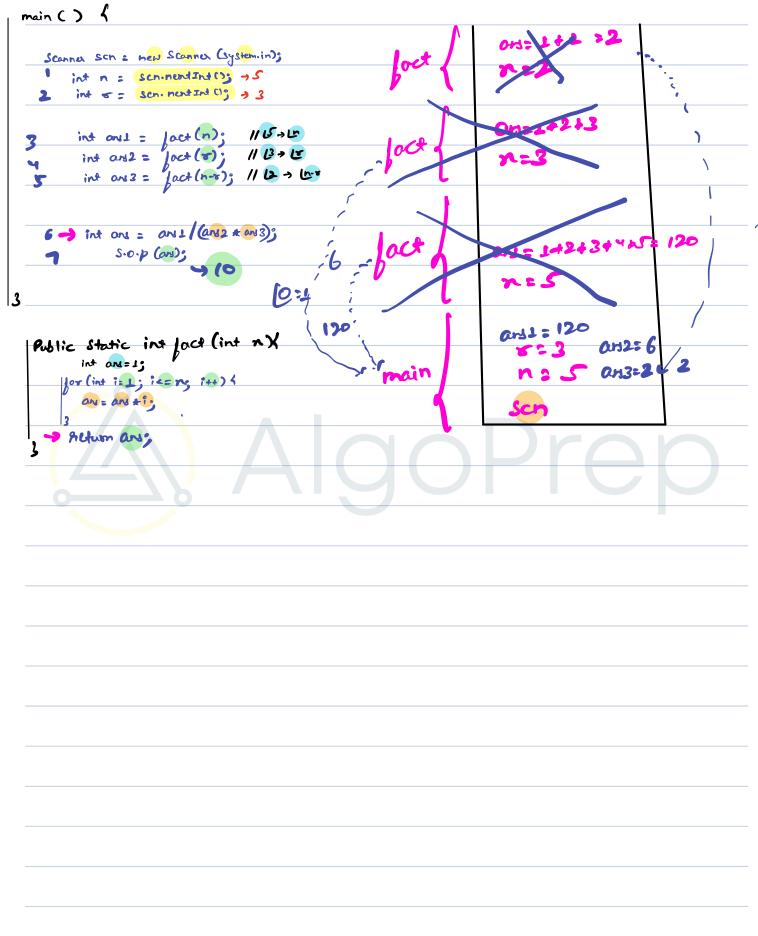
Macr using junction

main () {

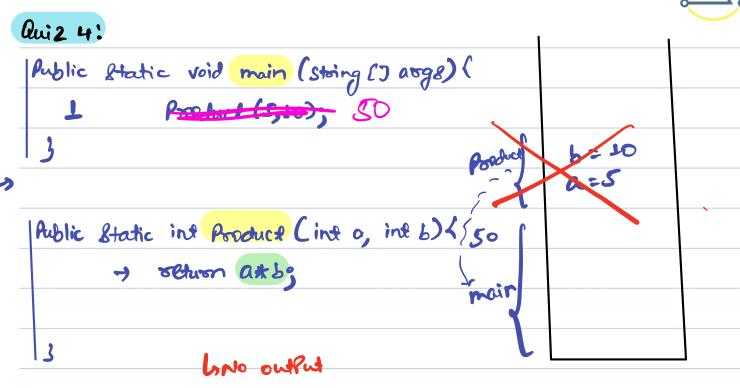
int and =
$$\int act(n)$$
; $\int \int b^n dx$
int and = $\int act(n-x)$; $\int \int act(n-x)$; $\int \int act(n-x)$; $\int \int act(n-x)$

lines using junction









Quiz 5:

Public Static void main (string [] args) (

int and = Subtract (5,10);

System.out.println (and);

a extore



Quiz 6:

Public Static void main (String [] augs)			
int n1 = cube (3);	8,000	86	
- System. out . pointln (and the, cub	((((10)	0:27	
3		40	
	Cube	252	
Aublic Static int add (int o, int b) {			
seturan a+bg	Cube	0=3	
<u> </u>	1 27		
Public Static int Cube Lint a) 1			
-> seturn a*a*a;	main		
3	35	nJ = 27	
435			