$$A B C D$$

$$\Rightarrow AB$$

$$AC CD$$

$$AD$$

$$BC$$

RD

$$u^{\zeta^{\lambda}} = \frac{(u-x)^{\frac{1}{2}}x^{\frac{1}{2}}}{u_{1}^{\frac{1}{2}}}$$

 $\int_{u} C^{x} = \frac{\left(u-x\right)^{n} x_{1}^{n}}{\left(u-x\right)^{n} x_{1}^{n}}$   $\left(u-x\right)^{n} x_{1}^{n}$   $\left(u-x\right)^{n} x_{1}^{n}$   $\left(u-x\right)^{n} x_{1}^{n}$   $\left(u-x\right)^{n} x_{1}^{n}$ 

21

- · duplication
- o irror prone
  - · lengthy

int fact\_nr = I;

for ( int i=1; i'<= (n-r); i++)

t

fact\_nr = fact\_nr 
$$\neq$$
 i;
}

for (int i=1+x)

and = and 
$$\pi \hat{x}$$

for (int i=1+x)

and = and  $\pi \hat{x}$ 

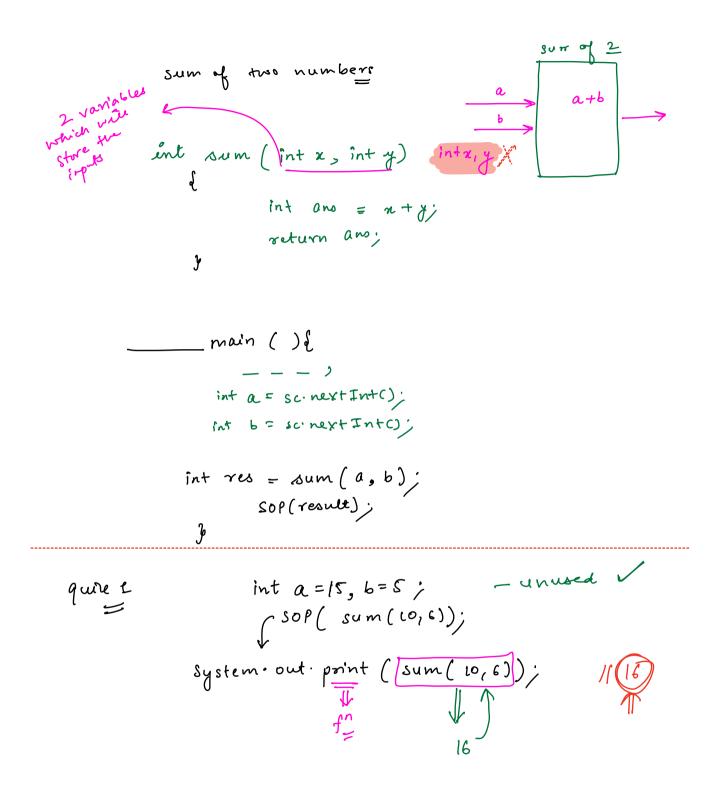
for (int i=1+x)

and = and  $\pi \hat{x}$ 

for (int i=1+x)

for (int i=1+

functions/methods:black of code which takes some input ( optional) e given some output e it is run again e apain. return-type function name (inputs what kind what type of of dota is experted as output it returns your output f(x)=22+5x+3 poronetos arguneto int fact ( int n ) & int ano = 1; for ( int i=1; i<=n; i++) d are a anoti; } return ano; þ main () & 11 your code goes here int n = fact(9)j



quir

experty

sop (a+b);

no return

rroo

statemet

main() {

int a = 15, b = 5;

sum (a,b);

}

# paint the sum

void seam (int a, int b)

rot

returning

Sop(a+b);

anything

number, if it is ever - please vrite a f 9\_ bool is Even (int n)

if ( $n \circ / \circ 2 == 0$ )

it uturn true; 2) won't work for odd þ compile \_ van bool is Even (int n) if (no/o2==0)

Luturn true; }

eles

d return false; } bool & Even (int n) þ if ( no/02 == 0) retur felse;

þ

height of a free 
$$\downarrow$$
 $h < = 6$  Small  $\rightarrow 1$ 
 $h > 6$  large  $\rightarrow 0$