

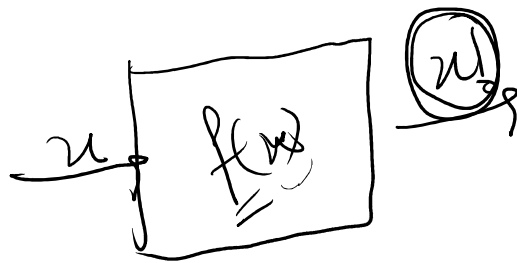
## 1.6 - Functions

Sunday, August 31, 2025 5:07 PM

#

$$\underline{nCr} = \frac{n!}{r! \times (n-r)!}$$

function/method : piece of code which will do something.

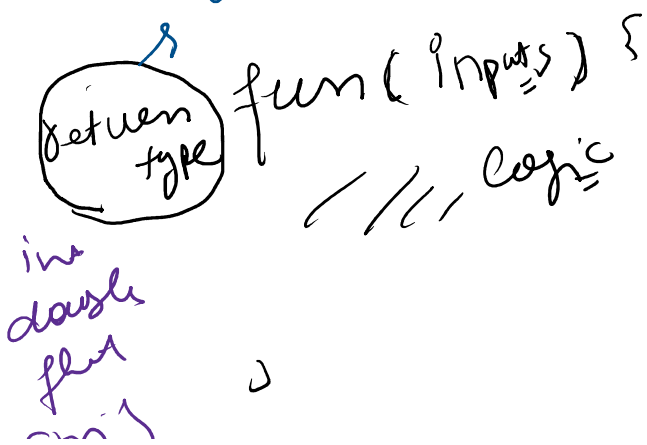


DRY - Don't Repeat Yourself.

⊛ Functions help us to reuse the code.

o) Program to calculate  $\underline{nCr}$

# datatype that a function gives you of the program.



fun  
String  
=

void → when a function does not return any value

Sketch

```
return type fun ( inputs ) {  
    // logic  
    return -;  
}
```

→ main() is also a method / function  
→ main() is the first function which  
Java executes;

→ Calling a function is using a function

SayHello (n) → function  
signature

④ A function completes its execution  
when it gets a return statement  
ya fir  
| saari lines function ki  
execute ho jayen =