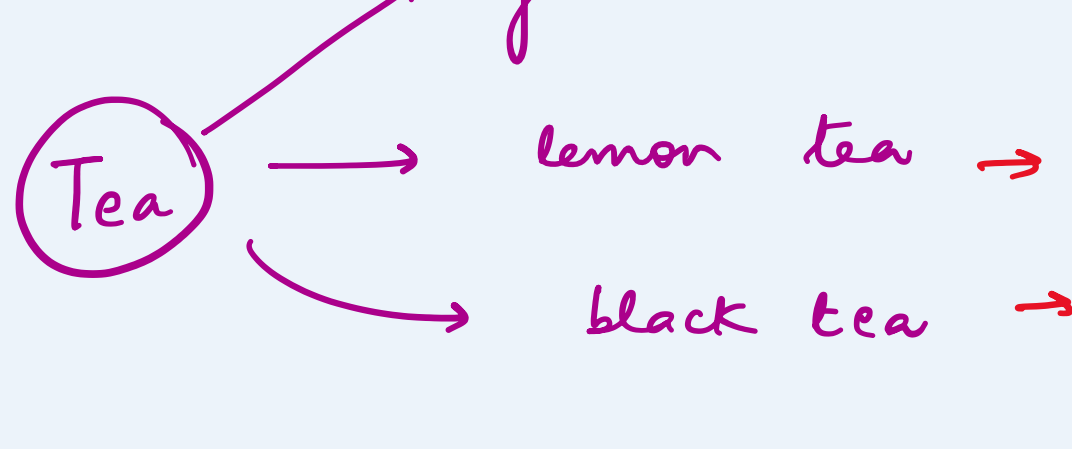


Functions

→ Method is a collection of instructions that perform a small task.

→ provides ^{re}usability of code.



Program 1

```

(green tea)
boiling
  water()
add tea
  leaves
  ...
  
```

Program 2

```

(lemon tea)
boiling
  water()
  ...
  
```

Program 3

```

(Black tea)
boiling
  water()
  ...
  
```

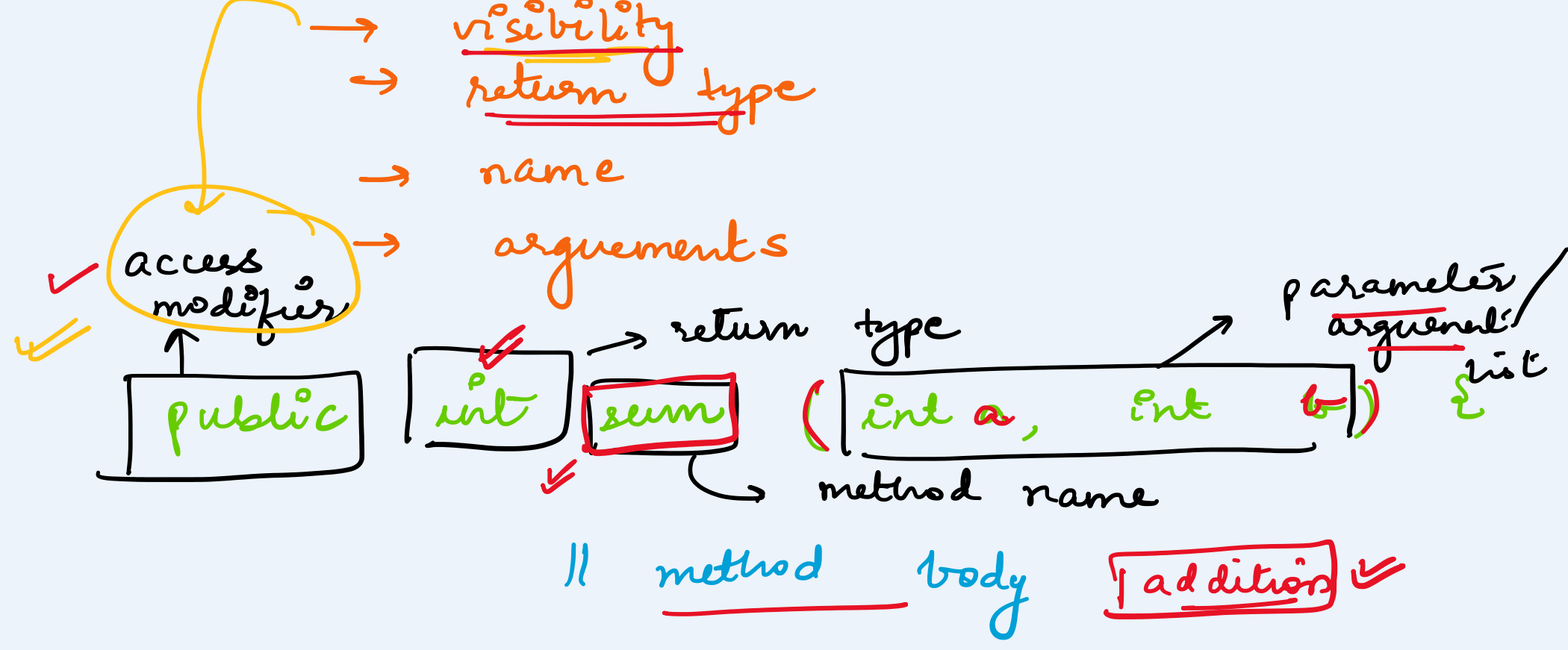
```

boiling water() {
  → take a large small pan
  → boil water
}
  
```

A method is a block of code or collection of statements or a set of code grouped together to perform a certain task or operation.

- reusability of code
- easy modification
- reability of code.

Method declaration



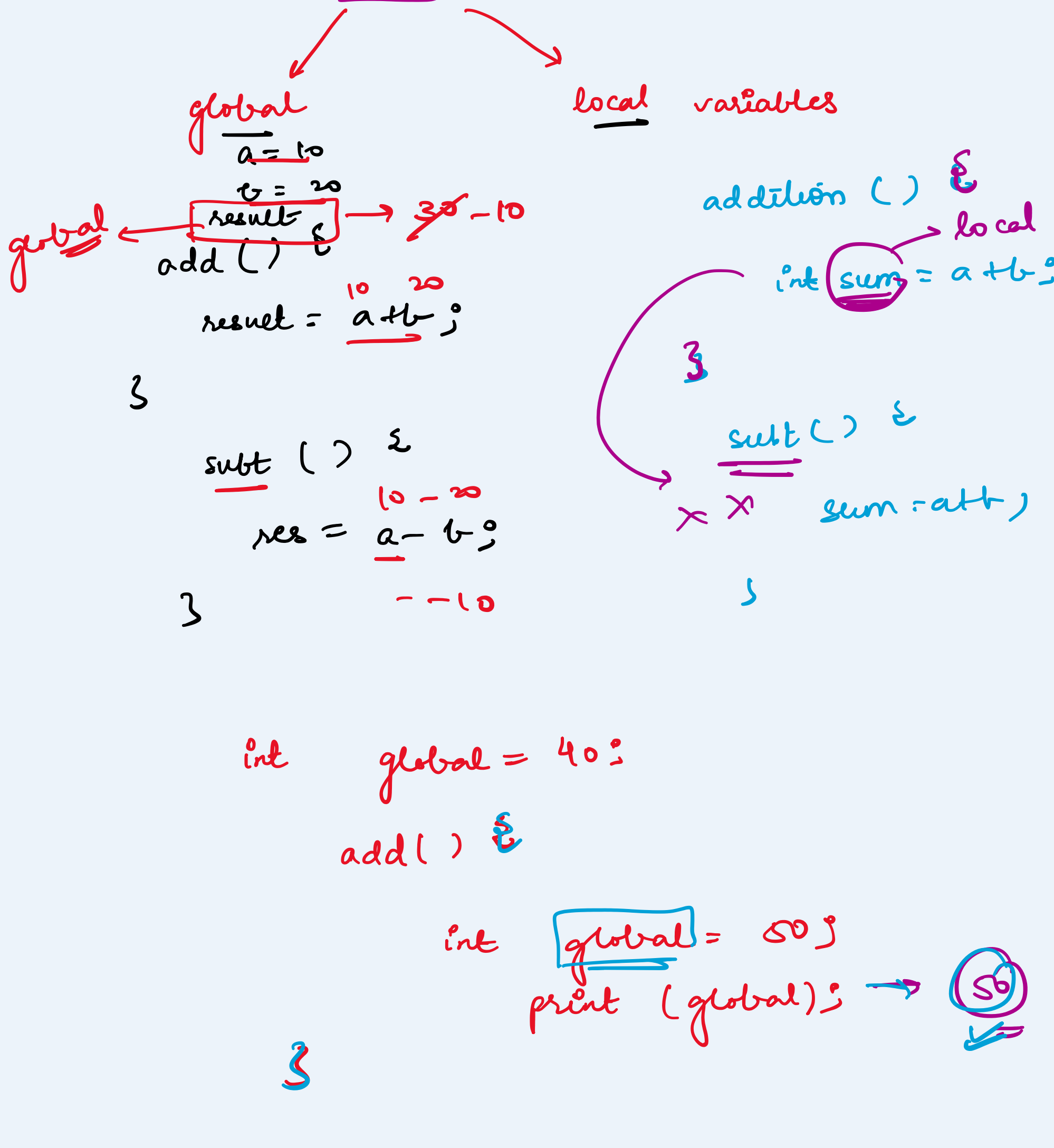
3

① Access modifiers

- public
- private
- protected

② Return type : datatype that the function returns.

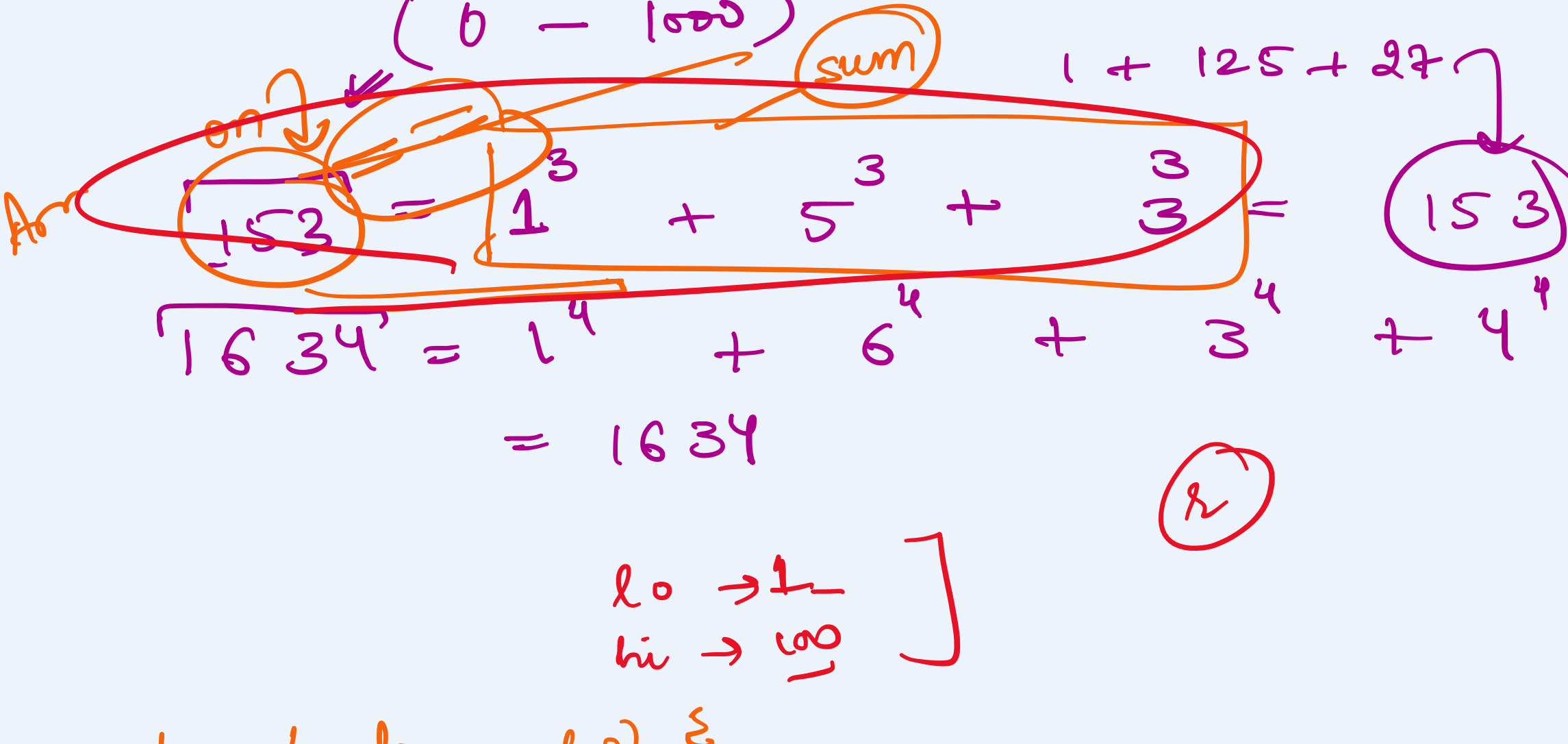
→ void



local variable >> global variable

Armstrong no

Given a range, find all the armstrong no in that range.

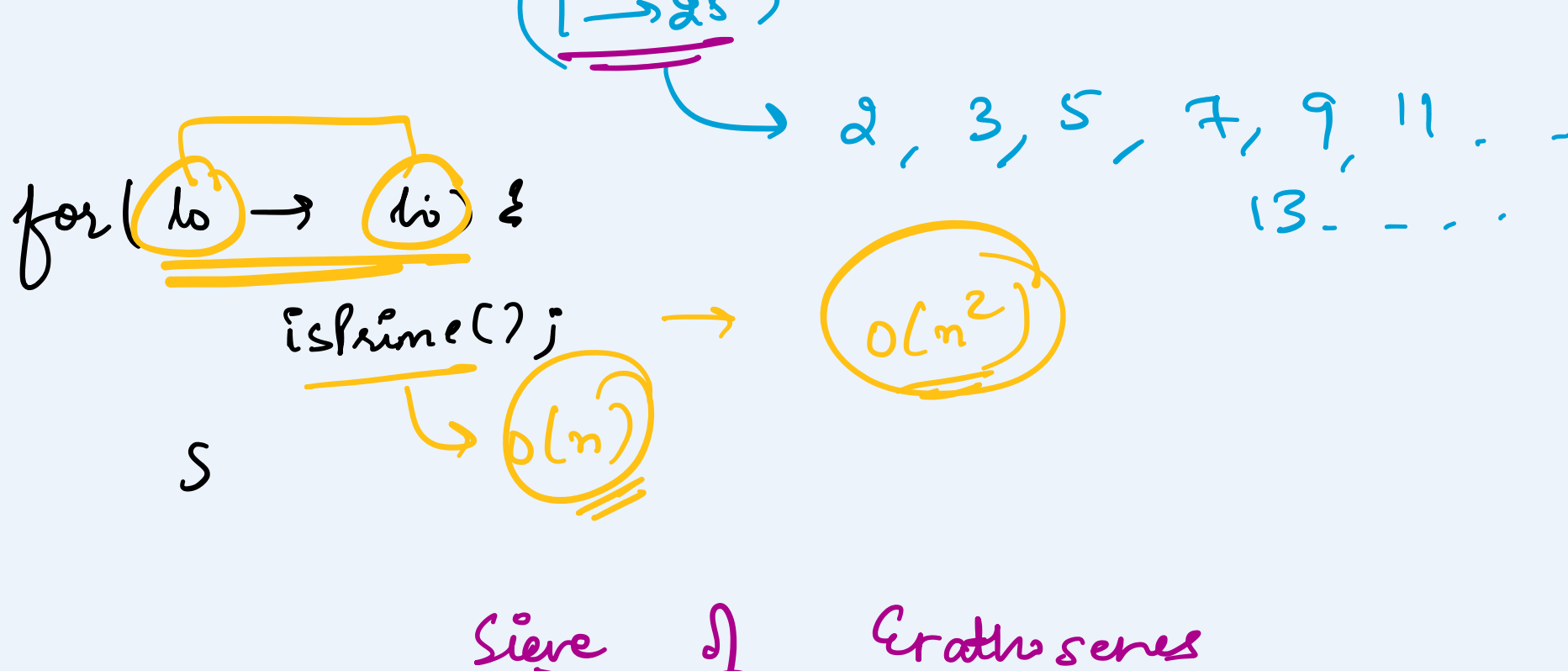


for (lo → hi) {

- ① find no. of digits in the given input
- ② Raise each digit of the no to that power.

}

Range print all prime no's from 1 to N.



Sieve of Eratosthenes

