```
main() {

    int a = Scn.nextInt();
    int suma = 0;
    while(a>0){
        suma += a%10;
        a/=10;
    }
    SOP(suma);
    ⋮

    int b = Scn.nextInt();
    int sumb = 0;
    while(b>0){
        sumb += b%10;
        b/=10;
    }
    SOP(sumb);
    ⋮ ⟶ ctrl+C  ctrl+V
}
```

$$f(x) = x^2 + 2 = y$$

f → Name of function

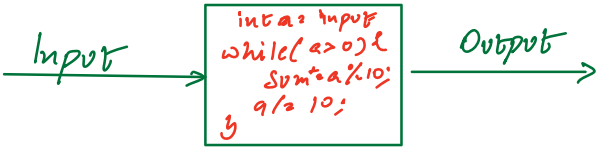
x → Input

y → Output

$f_1(x)$: $y = x^2 + 2$

$x = 3$

$f_1(3)$: $y = (3)^2 + 2 = 9 + 2 = 11$



function

Function → Block of code, takes some input & provides the required output

return_type function_name (type input_parameter){

_____

_____ } Code

_____

return ans;

}

int sumOfDigits (int num){

int sum = 0;

while(num > 0){

```
        sum += num % 10;
        num /= 10;
    }
    return sum;
}

main() {
    .....
    int num = scn.nextInt();
    int sum = sumOfDigits(num);
    SOP(sum)

    int numnum = scn.nextInt()
    int sumsum = sumOfDigits(numnum);
    SOP(sumsum);
}

// Q: Write a func^n that returns sum
   of integers A & B

int sum(int A, int B) {
    int ans = A+B;
    return ans;
}

main() {
```

```
    int A = 15, B = 5;
    SOP(sum(A, B));
}
```

// Q: Write a func^n that prints sum of integers A & B

```
void printSum(int A, int B){
    int ans = A+B;
    SOP(ans);
    return;
}
```

// Q: Write a func^n to check whether an integer is even or not

```
boolean isEven(int num){

    boolean ans;
    if(num%2 == 0){
        ans = true;
    }
    else{
        ans = false;
    }
```

return · ans;

10:10 pm