Functions

* In our Journey So far have you seen any function? we have seen main, which is also or function.

* Let take an Example to understand problem in not using function.

Ex: Find the Sum of digits of 3 numbers.

Code:main (> \$ int Sum 1=0, Sum d=0, Sum 3=0 while (a>0){ Sum 1 += 0%10; Robertity Sum 2 += 6 % 10; 6 = 6/10 while (c>0) { Sum 3 += c %10;

* Prolems with the above Code.

-> Refetition
-> Readability
-> Maintainability

How we can fix these problems?)

> We can use Eunction. Eunctions

are a bind of block box, to which we
give with I get desired output

The sum t = x % | 0; x = x / 10;Sum of xThe sum of x x = x / 10;Sum of x

```
# Syntax
              ans Type function Name (input Type input) &
                      11 Main logie;
                      return ans;
                int sum of digits ( int x ) &
      Ex:-
                          int Sum = 0;
                          while (x>0) {
                            Sum += 2 %10;
                              x = x/10;
                          return Sun;
```

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