Functions > superate code which can be called in program multiple times. 7 Rensability 7 Readable Syntaxe

Syntaxe

public static output/return type fune-rane (parameters)?

11——— Calling a function Juretion-rane (arguments)
Lip

Note: public static will always be there before way function. Some points & arguments matlers.

during functions calling. > NO. of parameter defined, during declare -> Sequence of arguments matters. -> if in parameters can be of different data type. -> colling a function & Storing a function both rec different: Sum (10,15) +> call.

7 parameters can be empty, functions will be woid.

7 can't collect the function, if its woid

-> namen - Camel case.

HW_print all even number

```
public static void main(String[] args) {
    Scanner s = new Scanner(System.in);
    int t = s.nextInt();

    for(int i = 1; i<=t;i++){
        int x = s.nextInt();
        int y = s.nextInt();
        even(x,y);
    }
}

public static void even(int x ,int y){
    for(int i = x; i <= y; i++){
        if(i % 2 == 0){
            System.out.print(i + " ");
        }
        System.out.println();
}</pre>
```

2 4 6 8 10 = 2 10 12 14 16 18 20