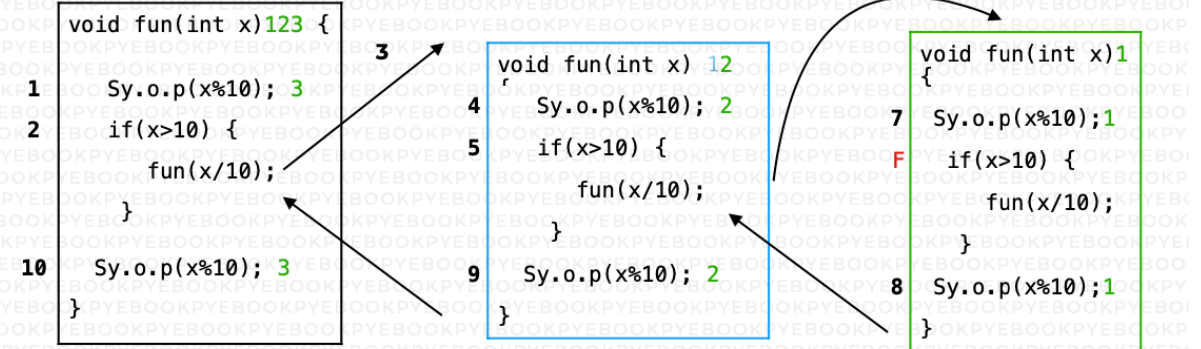


```

public void fun(int x) {
    System.out.print(x%10);
    if( x > 10) {
        fun(x/10);
    }
    System.out.print(x%10);
}

```



When the function is called the value of x is 123

1. First the `System.out.print` prints 3
2. Since 123 is more than 10,
3. the function is called again and the x value there is now 12.
4. The `System.out.print` prints 2
5. Since 12 is more than 10,
6. The function is called again and the x value there is now 1.
7. The `System.out.print` prints 1
8. Since 1 is not more than 10, it goes to the last `System.out.print` and prints 1 again
9. It goes back to the previous call and prints 2. Remember x value there is still 12
10. It goes back to the original call and prints 3. Remember the x value there is still 123.

Final Output is 321123