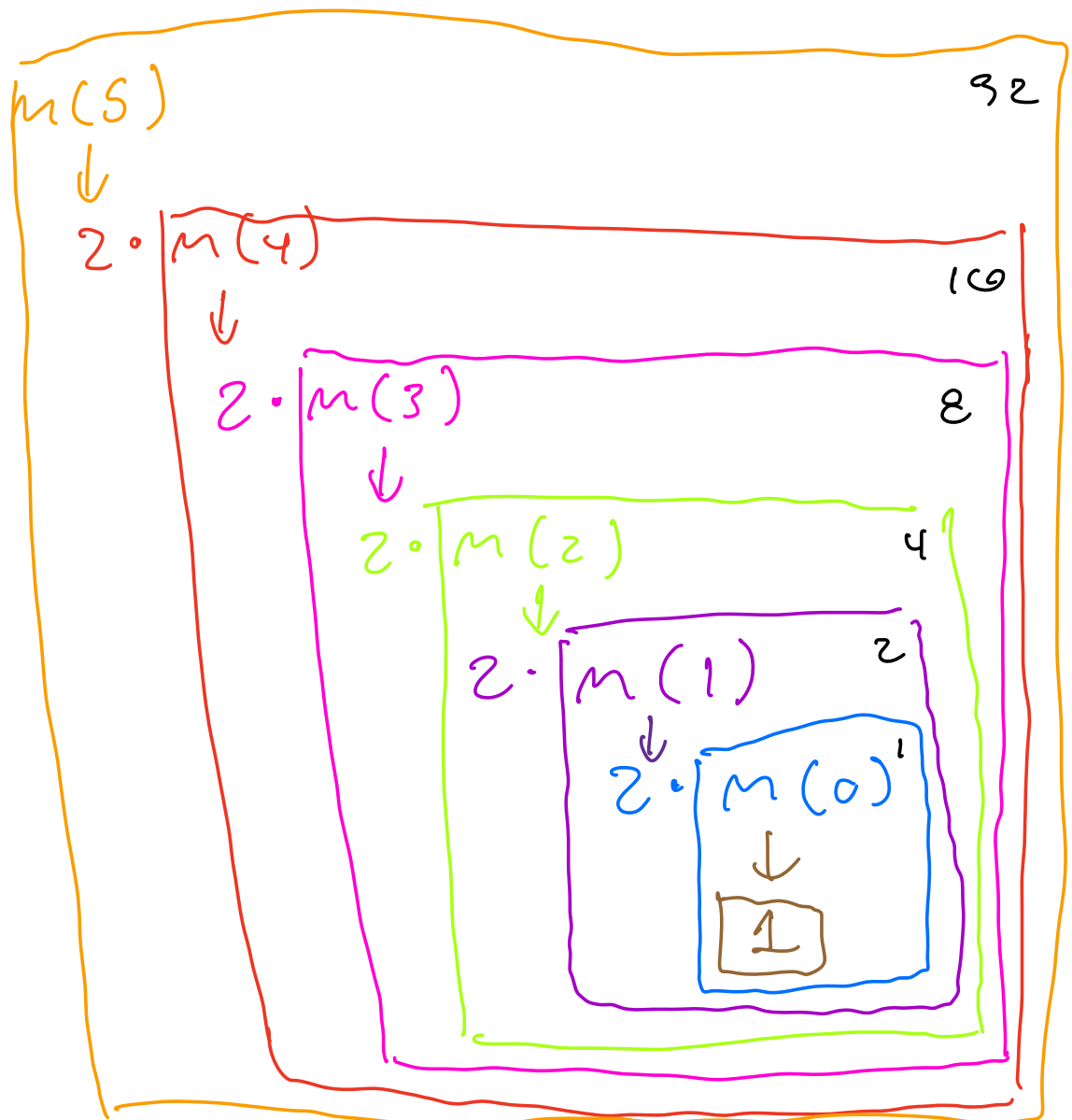


```
public static int mystery(int n) {  
    if (n == 0)  
        return 1;  
    else  
        return 2 * mystery (n - 1);  
}  
  
mystery(5);
```



```

public static String reverseR( String s ) {
    if ( s.length() < 2 ) {
        return s;
    }
    else {
        return reverseR( s.substring(1, s.length()) )
            + s.substring(0, 1);
    }
}

reverseR("even")

```

r ("Even")

↓

r ("ven") + "E"

r ("en") + "v"

r ("n") + "e"

↓

"n"

"neve"

↑

Return "neve"

↑

Return "nev"

↑

Return "ne"

↑

Return "n"