```
booid function_iterative(int n)
{
    while (n >= 1)
    {
        for (int i = 1; i <= n; i++)
            for (int j = 1; j <= n; j++)
            printf("*");
        n -= 3;
    }
}</pre>
```

```
T(m) = T(m-3) + O(m^2)
                          Mr. de apolluri recursive e ~ 11 = m
\Rightarrow T(n) = n^{2} + (m-3)^{2} + (m-6)^{2} + \dots = \frac{2}{2} (m^{2} - 6)(m + 9)^{2} = \frac{2}{2} (m^{2} - 6)(m + 9)^{2} = \frac{2}{2} m^{2} - \frac{2}{2} 6)(m + \frac{2}{2} 9)^{2}
\Rightarrow u = 0 \qquad u = 0 \qquad k = 0
                    \frac{3}{2} \frac{1}{m^{2}} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
\frac{3}{4} = (\frac{3}{3} + 1) \cdot \frac{1}{m^{2}} \Rightarrow 0 \cdot (\frac{3}{m})
                            \frac{3}{2}gK^2 = g \cdot \frac{3}{3}(\frac{3}{3}H(2.3H) \Rightarrow 0(m^3)
                         Cum fiecare termen are O(m) >> si suma va
                T(m) \in O(\mathcal{M}), T(m) \in SC(\mathcal{M}) \Rightarrow T(m) = O(\mathcal{M})
```