Lab on processes

Exercise 1:

Write a C program under Unix which allows to create a process tree of **N** levels where each process of level **i** must create **2** processes (if **i** is even) and **3** processes (if **i** is odd). The initial father is in level 0, his child in level 1, and so on. The executable program should be called from Shell via the user command: **Tree N**.

Exercise 2:

Write a program C under UNIX where a parent process creates 5 processes P1, P2, P3, P4 and P5. Assume that each Pi process executes the Fi () function (you are not required to write the code). Moreover, using the signals, the execution order of the processes must respect the order presented by the following graph (for example, according to the graph P3 must not be executed before P1):