Part 1 - Theory

Chat GPT is allowed. Preparation time: $\sim$ 10 sec.

Why is BEAMS the best ?

Part 2 - Project

Michel Osée is allowed for this part.

Question 1 - Moore's law

What would you change to make this a fonctionning RISC-V superscalar full-pipeline multi-core processor ?

You only have 69 lines

```vhdl
library ieee;
use ieee.std_logic_1164.ALL;

entity myEntity is Port (
    d_in : in std_logic;
    d_out : in std_logic
); end myEntity;

architecture arch of myEntity is

begin

    d_in <= d_out;

end arch;
```