# Q1

1. There will be a total of **4** processes created by the end of the program.
2. Since the variables are copied when a fork() call happens, there will be **4** c vaiables, equal to the number of processes.
3. For the main process, c value will be equal to **5**.

For the first child of the main process, c value will be equal to **9**.

For the child of the first child of the main process, c value will be equal to **3**.

For the second child of the main process, c value will be equal to **5**.

# Q2

My solution to this question is inside the file *cos\_hw1\_q2\_v2.c* .

Compile: gcc *cos\_hw1\_q2\_v2.c* –o hw1\_v2

Run: ./hw1\_v2

An example output of my code for question 2:

