Explanation of the running of q1.c :

Output after editing the code:

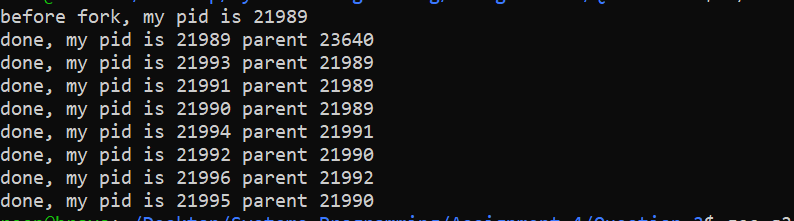
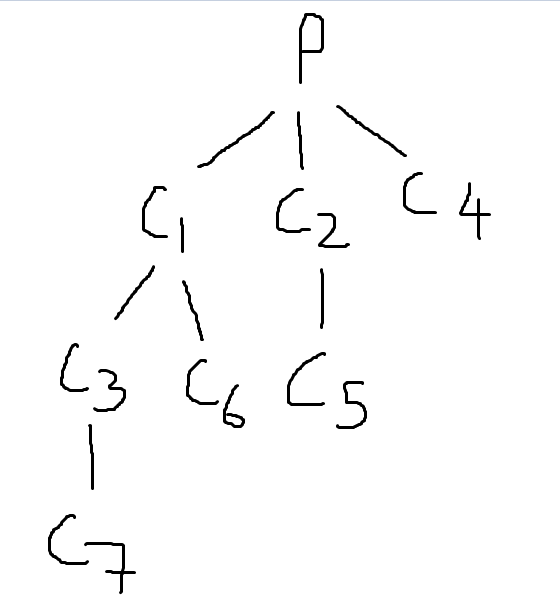


Diagram:



Explanation of q2.c :

Output after editing the code:

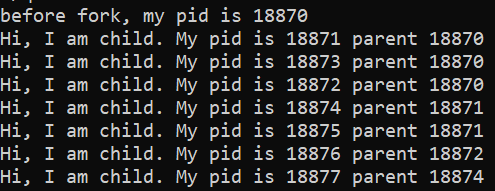


Diagram:

