Programming Problems : 3.21
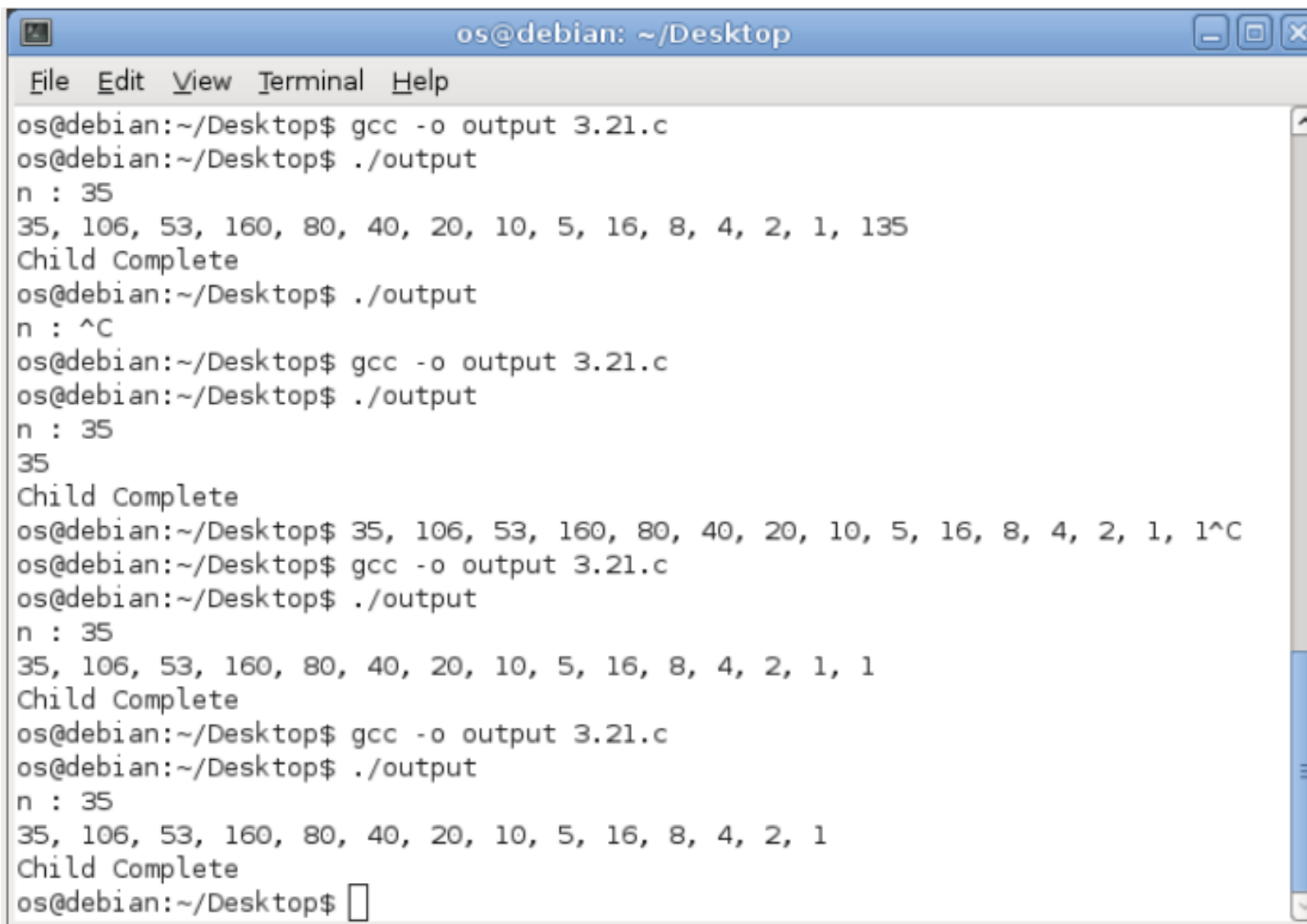
Purpose : Implement The Collatz conjecture using fork()

Input : a number n

Output : a sequence that converge to 1

OS : Linux

Capabilities : check the entry is positive and integer

```
os@debian: ~/Desktop                                    _ □ X
File  Edit  View  Terminal  Help
os@debian:~/Desktop$ gcc -o output 3.21.c
os@debian:~/Desktop$ ./output
n : 35
35, 106, 53, 160, 80, 40, 20, 10, 5, 16, 8, 4, 2, 1, 135
Child Complete
os@debian:~/Desktop$ ./output
n : ^C
os@debian:~/Desktop$ gcc -o output 3.21.c
os@debian:~/Desktop$ ./output
n : 35
35
Child Complete
os@debian:~/Desktop$ 35, 106, 53, 160, 80, 40, 20, 10, 5, 16, 8, 4, 2, 1, 1^C
os@debian:~/Desktop$ gcc -o output 3.21.c
os@debian:~/Desktop$ ./output
n : 35
35, 106, 53, 160, 80, 40, 20, 10, 5, 16, 8, 4, 2, 1, 1
Child Complete
os@debian:~/Desktop$ gcc -o output 3.21.c
os@debian:~/Desktop$ ./output
n : 35
35, 106, 53, 160, 80, 40, 20, 10, 5, 16, 8, 4, 2, 1
Child Complete
os@debian:~/Desktop$ 
```