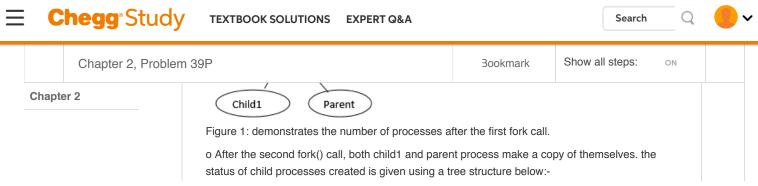
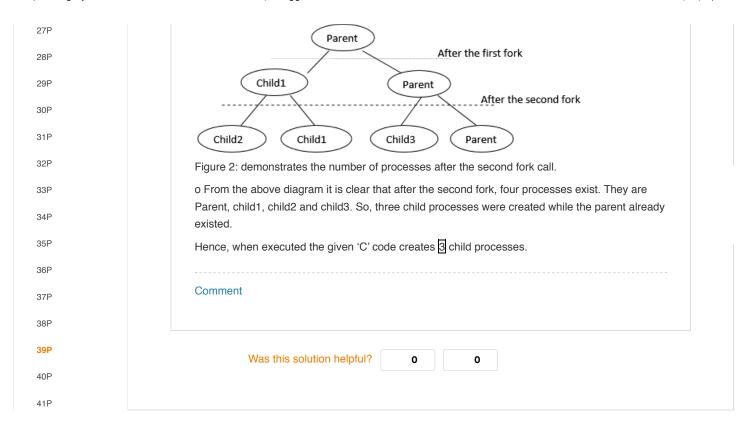
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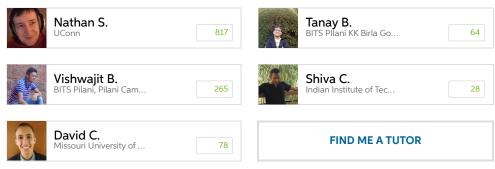
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## **Problem** Consider the following piece of C code: void main() {fork();fork();exit();} How many child processes are created upon execution of this program? Step-by-step solution Step 1 of 2 · Multitasking operating systems create a multitasking environment using child processes. • A child process is a copy of the parent and inherits most of its attributes. · A child process is created using a fork() statement which is a system call implemented in the kernel. It returns the process ID of the process just created. Comment Step 2 of 2 · Consider the C code given in the exercise. · To find how many child processes were created when the program was executed follow below steps:o The main function calls fork() statement twice before exiting. TEXTBOOK SOLUTIONS EXPERT Q&A Search





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