HW9

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1. **Output**

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자동 생성된 설명

1. **Explain the output**

When fork() is called, the memory state of the parent process is copied to the child process. However, changes made in the child process do not affect the parent process. Therefore, modifications to the array in work() by each child process are not reflected in the parent process.  
The pos variable indicates the position in the array where values are recorded. However, it exists independently in each process, so modifications to pos by a child process do not affect the parent process.  
🡪The parent process waits for all child processes to finish in the for loop and then adds the three character to the array. Thus, the final output is 3.