

CENG328 Operating Systems  
Spring 2010  
Laboratory Quiz II

March 18, 2010

1. (**Section 1**) Explain the return values of `fork()` function in C.
  2. Write a C program to create 3 processes where the first process is the parent of the second one and the second process is the parent of the third one. Your program should print the pid and parent pid of each process.
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1. (**Section 2**) What is a zombie process? Why does a process become zombie?
  2. Write a C program to create 3 processes where the first process is the parent of the second one and the second process is the parent of the third one. Your program should print the pid and parent pid of each process.