Systems Programming Hand-written Assignment 5 B05902118 資工二 陳盈如

	Model 1	Model 2
Section A	<pre>int fid[4][2]; int change, get = 0; int maxfd = getdtablesize(); char buffer[3][100]; fd_set rset, rset_copy; FD_ZERO(&rset); FD_ZERO(&rset_copy);</pre>	ind fd[2]; pipe(fd);
Section B	pipe(fd[i]);	
Section C	<pre>dup2(fd[i][1], 1); close(fd[i][0]); close(fd[i][1]);</pre>	dup2(fd[1], 1); close(fd[0]); close(fd[1]);
Section D	close(fd[i][1]); FD_SET(fd[i][0], &rset);	
Section E	<pre>t.tv_sec = 0; t.tv_usec = 0; while (get != 3) { rset_copy = rset; change = select(maxfd, &rset_copy, NULL, NULL, &t); if (change <= 0) continue; for (int i = 1; i <= 3; i++) { if (FD_ISSET(fd[i][0], &rset_copy)) { read(fd[i][0], buffer, sizeof(buffer)); get++; } } } wait(); wait(); wait();</pre>	close(fd[1]); char buffer[100]; read(fd[0], buffer, sizeof(buffer)); wait(); wait(); wait();

memory address	memory sections/segments	
åa	initialized data segment	
Ь	uninitialized data segment	
åargc	command-line arguments	
åc	stack	
åd	stack	
åe	stack	
åf	stack	
f	heap segment	
main	text segment	
printf	text segment	