(out of 75 points)

1. What is the difference between _exit() and exit() and _Exit()?

7/5/3/0

COLLABORATOR(S):

2. In APUE, Section 8.5, a process can terminate normally in five ways, and we discussed three of these in the lecture notes: Provide a code snippet example of these termination conditions.

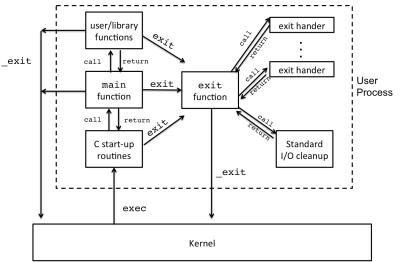
a) 3/1/0

b) 3/1/0

3/1/0

3. In the diagram below, place a circle along the exit path of the following program:

```
void fun(){
   _exit(1);
}
int main(){
  fun();
  exit(0);
}
```



5/3/1/0

NAME: _____

		onsider the following programs, what ure to discuss I/O buffering and exit	
6/4/2/0	a)		<pre>int main(){ fprintf(stdout, "Hello World!"); return 0; }</pre>
6/4/2/0	b)	<pre>int main(){ fprintf(stdout, "Hello World!"); exit(0); }</pre>	
6/4/2/0	c)		<pre>int main(){ fprintf(stdout, "Hello World!"); _Exit(0) }</pre>
6/4/2/0	d)	<pre>int main(){ fprintf(stderr, "Hello World!"); _exit(0) }</pre>	

	5. Match each of the buffer settings to their mode options to setvbuf()			
5/3/1/0	_IONBF a) unbuffered			
	IOFBF b) line buffered			
	_IOLBF c) fully buffered			
	6. What is the difference between line buffered and fully buffered?			
5/3/1/0				
	<pre>7. Why does the following code snippet properly check for a failed call too execv() int main(){ char * ls_args[2] = { "/bin/ls", NULL} ;</pre>			
7/5/2/0	<pre>execv(ls_args[0], ls_args); perror("execve failed");</pre>			
	_exit(1); //failure }			
8/6/3/0	8. Consider setting up an argv array to exec the program: findtype d -name ic221 . Fill in the argv declaration for these options:			
char * a	argv = {	} ;		
	<pre>execv(argv[0], argv);</pre>			
	9. The argv array must be NULL terminated, why? How does this relate to argc , the number of arguments value that is passed to main() ?	5		
5/3/0				

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