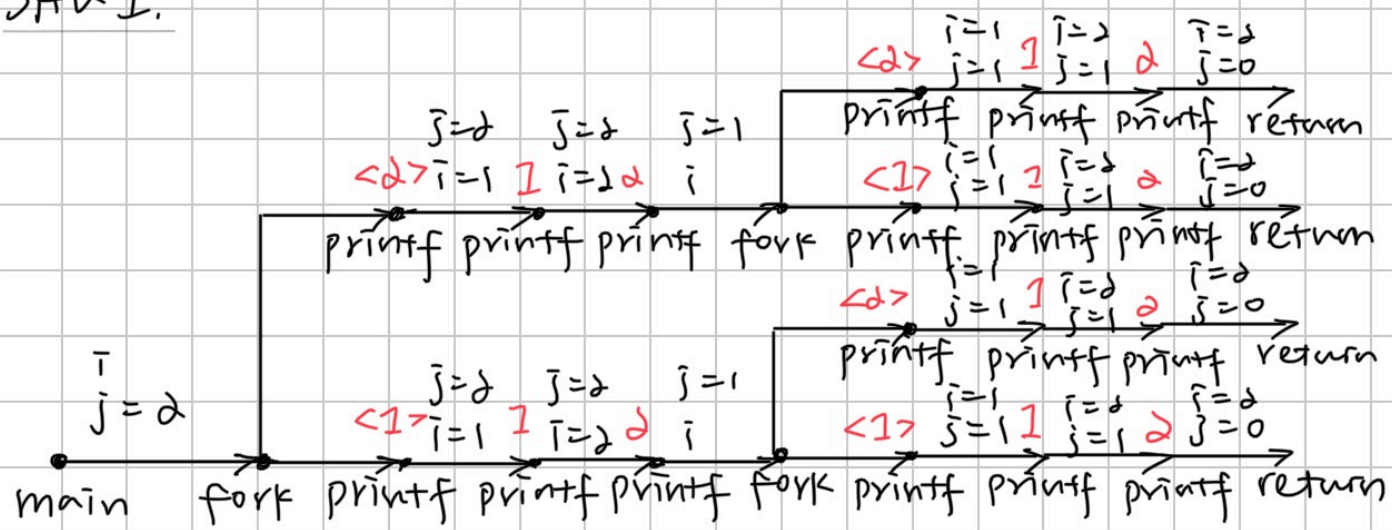
SAQ 1.




SAQ 2.

A&&C A&&D B&&C C&&D

SAQ 3.

No. For the Non-terminating child Example, the init process cannot terminate that child process, so the child process will always remain in the loop and stays in the system.

```
if(fork()==0){
    while(1);
}
```

← will never terminate.

Infinite loop.