

```
1 #include <stdio.h>
2 #include <unistd.h>
3 #include <sys/wait.h>
4
5 int
6 main(int argc, char *argv[])
7 {
8     int status;
9     int x = 1;
10
11     printf("%d\n", x);
12     status = fork();
13     if (status == 0) {
14         x += 1;
15     } else {
16         x *= 2;
17         waitpid(status, NULL, 0);
18     }
19     printf("%d\n", x);
20
21     status = fork();
22     if (status == 0) {
23         x *= 2;
24     } else {
25         x *= 3;
26     }
27     printf("%d\n", x);
28 }
```

**Question 1.** What do you expect one possible output to be?

**Question 2.** Are there any ordering constraints for the output?