

M02b-Quiz (Sep. 11)

(10 mins)

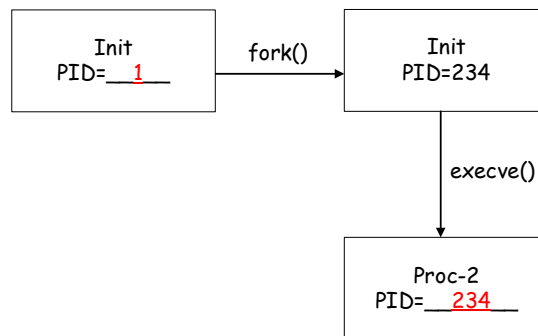
Name: _____

ID: _____

1. What is the most common/efficient way to kill a zombie process (one-sentence answer)?—3 points

Kill the zombie's parent

2. Please fill out the PID values? —2 points



3. What is the output of the following program being executed? You may select PID(s) by yourself. —5 points

```
void waitexample()
{
    int i, stat;
    pid_t pid[2];
    for (i=0; i<2; i++)
    {
        if ((pid[i] = fork()) == 0)
        {
            sleep(1);
            exit(100 + i);
        }
    }
    for (i=0; i<2; i++)
    {
        pid_t cpid = waitpid(pid[i], &stat, 0);
        if (WIFEXITED(stat))
            printf("Child %d terminated with status: %d\n", cpid, WEXITSTATUS(stat));
    }
}

int main()
{
    waitexample();
    return 0;
}
```

Child 2 terminate with status: 100

Child 3 terminate with status: 101