

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Pledge: \_\_\_\_\_

- 
1. Write down the output of the following code. Assume that the process that starts the execution of `main()` has the id: 831.

```
int main()
{
    int x=5, y=2;
    int pid;

    x = fork();
    if(x==0)
    {
        printf("x = %d\n", x);
        printf("y = %d\n", y);
        pid = getpid();
        printf("I am process: %d\n", pid);
    }

    y = fork();
    if(y==0)
    {
        printf("x = %d\n", x);
        printf("y = %d\n", y);
        pid = getpid();
        printf("I am process: %d\n", pid);
    }

    return 0;
}
```