
CS221 – Lab27

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INTRODUCTION

Today's **in-class** lab works with signals and alarms.

Please write a program **sigfun.c** that:

- uses `alarm()` to interrupt the program every 5 seconds
- has an alarm handler that prints out the program's total running time and that restarts the alarm
- puts in a signal handler for **SIGINT** that prints "**Ouch!**"
- puts in a signal handler for **SIGTSTP** that prints "**You can't make me stop!**"
- In the `main()` method, please put in a loop that prompts the user to enter their name, reads it, and prints out "**Hi <<the name>>**". The program should keep running until the keyboard input ends.

That's it! Please test your program—does it work?

CONCLUSION:

You must push **sigfun.c** to **GitHub** by the end of class, or you will receive no credit for this lab.

Task	Score, points
sigfun.c compiles, runs, and gives correct results	10