

# Project 8 Report

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## Part 1: What I modified in the code

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1. I modified the first argument of `sigaction` in `main` function to `60` to handle `60` signal.

```
if (sigaction(60, &sa, NULL) == -1)
    perror("sigaction");
```

2. I added a new `sigevent` struct `sev` to define the signal event, and set the `sigev_signo` to `60`.

```
struct sigevent sev;
sev.sigev_notify = SIGEV_SIGNAL;
sev.sigev_signo = 60;
sev.sigev_value.sival_ptr = tidlist;
```

## Part 2: the difference between function call and signal handler invocation

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The difference between function call and signal handler invocation is that the signal handler invocation will interrupt the current process and execute the signal handler function, and then return to the original process. However, the function call will not interrupt the current process.