

# hw1

## Programming Problems

### 2.24 copies contents

#### build

```
gcc copies.c -o copies.o
```

#### run

```
./copies.o file1 file2
```

#### screenshot

“./screenshot/copies.png” could not be found.

### 3.19 timer

#### v1 share memory

##### build

```
gcc command_timer_shm.c -o command_timer_shm.o
```

##### run

```
./command_timer_shm.o command
```

##### screenshot

“./screenshot/command\_timer\_shm.png” could not be found.

#### v2 pipe

##### build

```
gcc command_timer_pipe.c -o command_timer_pipe.o
```

##### run

```
./command_timer_pipe.o command
```

##### screenshot

“./screenshot/command\_timer\_pipe.png” could not be found.

## 3.21 Collatz

### build

```
gcc collatz.c -o collatz.o
```

### run

```
./collatz.o 35
```

### screenshot

“./screenshot/collatz.png” could not be found.

## 3.27 file copying by pipes

### build

```
gcc copies_pipe.c -o copies_pipe.o
```

### run

```
./copies_pipe.o file1 file2
```

### screenshot

“./screenshot/copies\_pipe.png” could not be found.