Report for Assignment1
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Screenshots of Tasks1


```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./abort
I'm the Parent Process, my pid = 2081
I'm the Child Process, my pid = 2082
Child process start to execute test program:
------------CHILD PROCESS START------------
This is the SIGABRT program

Parent process receives SIGCHILD signal
Child execution failed: 6
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./alarm
I'm the Parent Process, my pid = 2121
I'm the Child Process, my pid = 2122
Child process start to execute test program:
------------CHILD PROCESS START------------
This is the SIGALRM program

Parent process receives SIGCHILD signal
Child execution failed: 14
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./bus
I'm the Parent Process, my pid = 2161
I'm the Child Process, my pid = 2162
Child process start to execute test program:
------------CHILD PROCESS START------------
This is the SIGBUS program

Parent process receives SIGCHILD signal
Child execution failed: 7
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./floating
I'm the Parent Process, my pid = 2236
I'm the Child Process, my pid = 2237
Child process start to execute test program:
------------CHILD PROCESS START------------
This is the SIGFPE program

Parent process receives SIGCHILD signal
Child execution failed: 8
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./illeal_instr
I'm the Parent Process, my pid = 2364
I'm the Child Process, my pid = 2365
Child process start to execute test program:
Parent process receives SIGCHILD signal
Normal termination with EXIT STATUS: 0
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./interrupt
I'm the Parent Process, my pid = 2403
I'm the Child Process, my pid = 2404
Child process start to execute test program:
------------CHILD PROCESS START------------
This is the SIGINT program

Parent process receives SIGCHILD signal
Child execution failed: 2
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./kill
I'm the Parent Process, my pid = 2494
I'm the Child Process, my pid = 2495
Child process start to execute test program:
------------CHILD PROCESS START------------
This is the SIGKILL program

Parent process receives SIGCHILD signal
Child execution failed: 9
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./normal
I'm the Parent Process, my pid = 2055
I'm the Child Process, my pid = 2056
Child process start to execute test program:
------------CHILD PROCESS START------------
This is the normal program

------------CHILD PROCESS END------------
Parent process receives SIGCHILD signal
Normal termination with EXIT STATUS: 0
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./pipe
 I'm the Parent Process, my pid = 2429
 I'm the Child Process, my pid = 2430
 Child process start to execute test program:
 ------------CHILD PROCESS START------------
 This is the SIGPIPE program

 Parent process receives SIGCHILD signal
 Child execution failed: 13
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./quit
 I'm the Parent Process, my pid = 2464
 I'm the Child Process, my pid = 2465
 Child process start to execute test program:
 ------------CHILD PROCESS START------------
 This is the SIGQUIT program

 Parent process receives SIGCHILD signal
 Child execution failed: 3
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./segment_fault
 I'm the Parent Process, my pid = 2532
 I'm the Child Process, my pid = 2533
 Child process start to execute test program:
 ------------CHILD PROCESS START------------
 This is the SIGSEGV program

 Parent process receives SIGCHILD signal
 Child execution failed: 11
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./hangup
 I'm the Parent Process, my pid = 2278
 I'm the Child Process, my pid = 2279
 Child process start to execute test program:
 ------------CHILD PROCESS START------------
 This is the SIGHUP program

 Parent process receives SIGCHILD signal
 Child execution failed: 1
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./stop
 I'm the Parent Process, my pid = 2937
 I'm the Child Process, my pid = 2938
 Child process start to execute test program:
 ------------CHILD PROCESS START------------
 This is the SIGSTOP program
```

```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./terminate
I'm the Parent Process, my pid = 3030
I'm the Child Process, my pid = 3031
Child process start to execute test program:
------------CHILD PROCESS START------------
This is the SIGTERM program

Parent process receives SIGCHILD signal
Child execution failed: 15
```
```
vagrant@csc3150:~/csc3150/source/program1$ ./program1 ./trap
I'm the Parent Process, my pid = 3104
I'm the Child Process, my pid = 3105
Child process start to execute test program:
------------CHILD PROCESS START------------
This is the SIGTRAP program

Parent process receives SIGCHILD signal
Child execution failed: 5
```