

Problem 1:

```
alvinvn@andromeda-68:~/hw/hw1
$ ls
convert.cpp  hello.cpp
alvinvn@andromeda-68 23:14:52 ~/hw/hw1
$ g++ hello.cpp -o hello
alvinvn@andromeda-68 23:15:04 ~/hw/hw1
$ ./hello
Hello World!
alvinvn@andromeda-68 23:15:07 ~/hw/hw1
$
```

Problem 2:

```
alvinvn@andromeda-68:~/hw/hw1
$ ls
convert.cpp  hello*  hello.cpp
alvinvn@andromeda-68 23:25:51 ~/hw/hw1
$ g++ convert.cpp -o convert
alvinvn@andromeda-68 23:25:57 ~/hw/hw1
$ ./convert
100
1.91797
alvinvn@andromeda-68 23:26:04 ~/hw/hw1
$
```

Problem 3:

```
alvinvn@andromeda-68:~/hw/hw1
alvinvn@andromeda-68 00:12:37 ~/hw/hw1
$ ls
convert*  convert.cpp  hello*  hello.cpp  stack.h  stack.h.gch
alvinvn@andromeda-68 00:12:38 ~/hw/hw1
$ g++ stack.h -o stack
alvinvn@andromeda-68 00:12:54 ~/hw/hw1
$ ./stack
-bash: ./stack: Permission denied
alvinvn@andromeda-68 00:12:59 ~/hw/hw1
$
```

Problem 4:

```
alvinvn@andromeda-32:~/hw/hw1
alvinvn@andromeda-32 21:06:40 ~/hw/hw1
$ ls
convert*  hello*  stack  stack.h.gch  test_stack.cpp
convert.cpp  hello.cpp  stack.h  test_stack*
alvinvn@andromeda-32 21:06:42 ~/hw/hw1
$ g++ test_stack.cpp -o test_stack
alvinvn@andromeda-32 21:06:58 ~/hw/hw1
$ ./test_stack
alvinvn@andromeda-32 21:07:07 ~/hw/hw1
$
```