



Warm-Up Exercise 1

This is a warm-up exercise with two objectives:

1. To get you started with a very simple C program, and
2. To show you a means to access the environment from within a program.

You are to write your own implementation of the `printenv` command. Its output should look the same as the output of `printenv`. To be precise, suppose that your program executable is named `myprintenv`. If you were to enter the following commands:

```
./myprintenv > temp1
/usr/bin/printenv > temp2
diff temp1 temp2
```

the output would be something like

```
40c40
< _=./myprintenv
---
> _=/usr/bin/printenv
```

This program is so trivial that it can be written in fewer than ten lines of code.

Submitting Your Work

Name your program `exercise1_username.c`, give it permission 600, and copy it into `/data/biocs/b/student.accounts/cs4`. Of course you are to replace `username` by your username. Remember to make sure your program meets the requirements of the *Programming Rules* document.