

```
#include <cstdlib>
#include <iostream>

using namespace std;
/**
@param argc the number of arguments
@param argv char array of arguments
@param envp char array of environment variables
this function prints out all the environment variables
*/
int main(int argc, char * argv[], char * envp[])
{
    cout.setf(ios::unitbuf);
    if(argc != 1)
    {
        cout << "Error too many arguments" << endl;
        return EXIT_FAILURE;
    }

    for(int i = 0; envp[i] != nullptr; i++)
    {
        cout<< envp[i] << endl;
    }
    return EXIT_SUCCESS;
}
```