CMPS 221 – Programming Fundamentals

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Compiling C++ Source Files

In this class, we will be using the g++ compiler from the Linux command-line in Sleipnir. Here are two options that will allow you to compile your source code into an executable binary file.

Option 1

Step 1 - Using a sample filename called sample1.cpp

```
mmanibo@sleipnir:~$ g++ sample1.cpp
```

Step 2 – Your source file will be compiled into a file called **a.out**. Run this file as shown below:

```
mmanibo@sleipnir:~$ ./a.out
```

Option 2

Step 1 - Using a sample filename called sample1.cpp

```
mmanibo@sleipnir:~$ g++ -o sample1 sample1.cpp
```

Step 2 – Your source file will be compiled into a file called **sample1**. Run this file as shown below:

```
mmanibo@sleipnir:~$ ./sample1
```