**gcov\_Assignment\_1.0**

1. Login into the Linux server with your login Ids

A screenshot of a computer program

Description automatically generated

1. Create a new directory called code\_cov in your home directory <home>

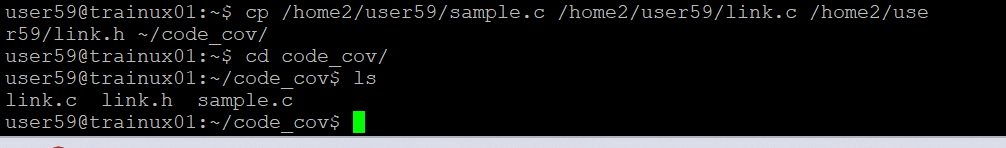


1. Go inside the directory you have created in (2) /<home>/code\_cov



4. Copy the following files from the path as mentioned by the trainer:

a. sample.c , b. link.c, c. link.h



1. Take a look at the example programs sample.c and link.c

A screenshot of a computer program

Description automatically generated

1. Compile the files sample.c and sample1.c and put the output in the executable file called output



1. Execute the file output

A screen shot of a computer code

Description automatically generated

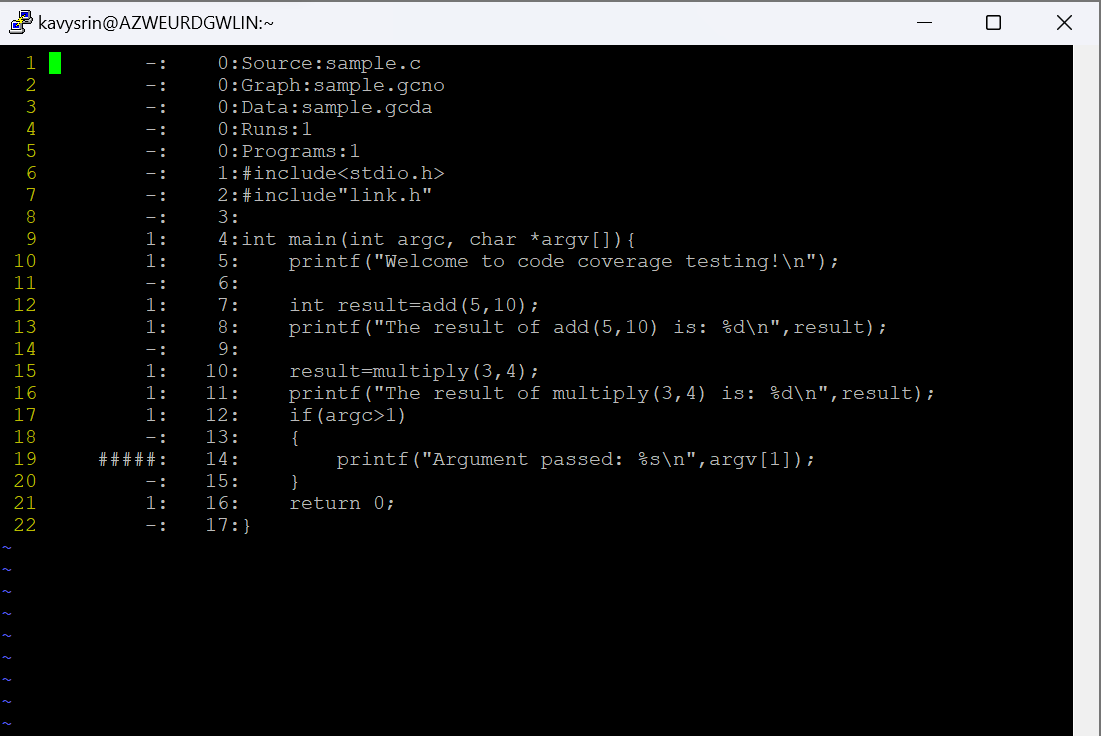
1. Now run gcov for each source file one by one

A screenshot of a computer code

Description automatically generated

9. Run output again, this time with command line arguments:

>> vi sample.c.gcov



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Description automatically generated

1. Now run gcov for sample.c again

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