Instructions to install openssl developer libraries:

Follow the commands below through a Terminal in the VM image provided:

Get the library:

- ➢ `wget http://www.openssl.org/source/openssl-1.0.1g.tar.gz`

Extract The library:

- ➢ `tar -xvzf openssl-1.0.1g.tar.gz`

Go into folder:

- ➢ `cd openssl-1.0.1g`

Configure Openssl:

- ➢ `./config --prefix=/usr/local/openssl --openssldir=/usr/local/openssl`

Compile:

- ➢ `sudo make`

Install openssl:

- ➢ `sudo make install`

Instructions to compile the code:

In order to compile and run the code, please use the commands shown below:

To Compile:

- ➢ `gcc -o enc project-1.c -std=c99 -lcrypto -ldl`

To run the code

- ➢ `./enc`

To save the output to a text file

- ➢ `./enc > output.txt`