1. Cross-Compile a simple C program on the Host machine and try to execute it on the host machine. Note the observations.

* Create a simple C program or a directory

**$ vim <filename>.c (for file)**

**$ mkdir <name> (for creating directory)**

* Run the program on gcc compiler on host machine (intel x86)

**$ gcc <filename>.c -o <filename>.out**

* Execute the file

**$ ./<filename>.out**

**( Print the output message successfully)**

* Now run the program on arm linux compiler on host machine

**$ arm-linux-gnueabihf-gcc <filename>.c -o <filename>.out**

* Execute the file

**$ ./<filename>.out**

**( Print the error message : Exec format error)**

