./

GENESIS – Embedded C Hardware Programming



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| **Ver. Rel. No.** | **Release Date** | **Prepared. By** | **Reviewed By** | **To be Approved** | **Remarks/Revision Details** |
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# ACTIVITY 1: PERFORM BUILD USING GIT BASH

## FIBONAACI.C FILE

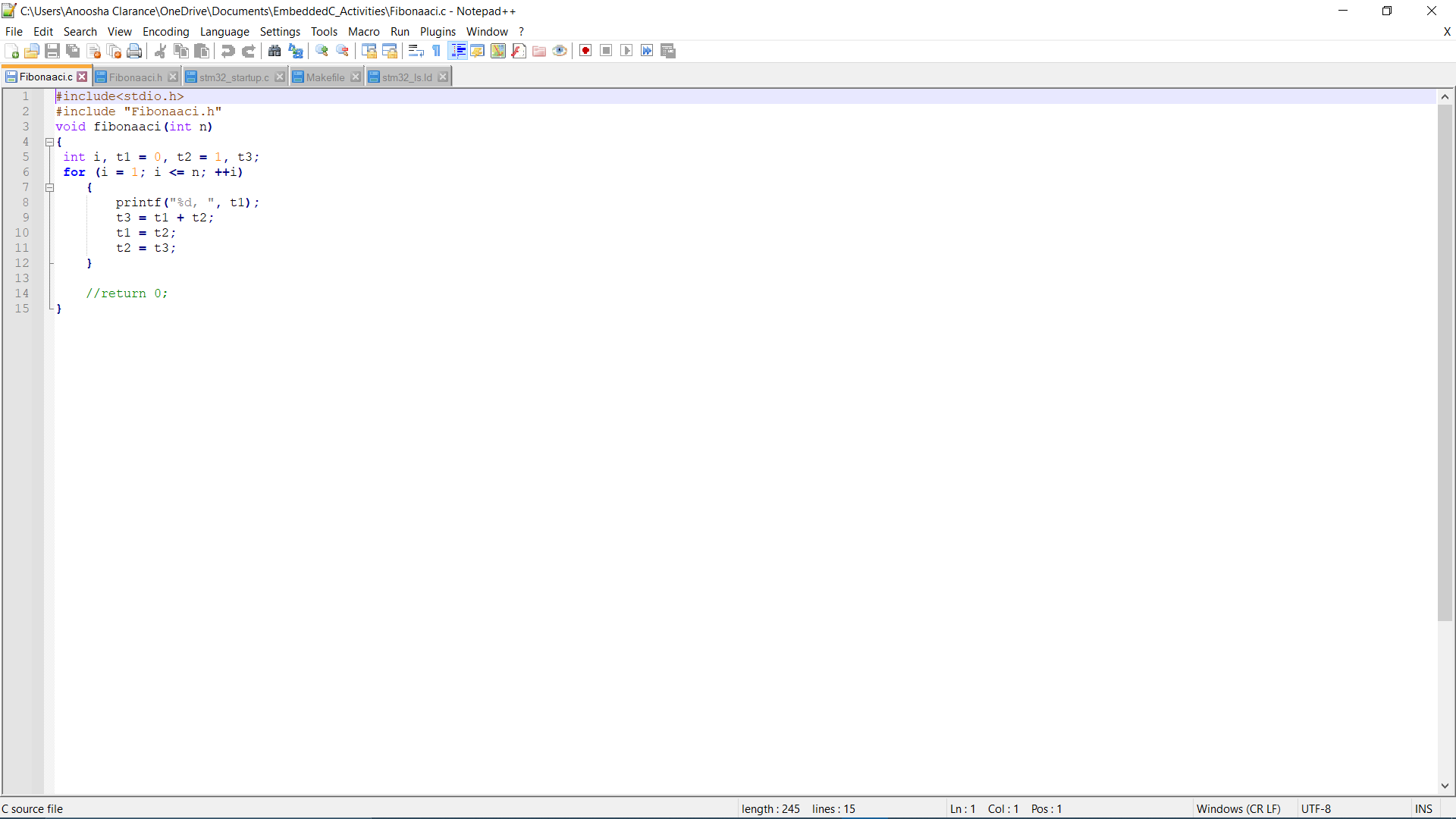


Figure 1: Fibonaaci.c file

## FIBONAACI.H FILE

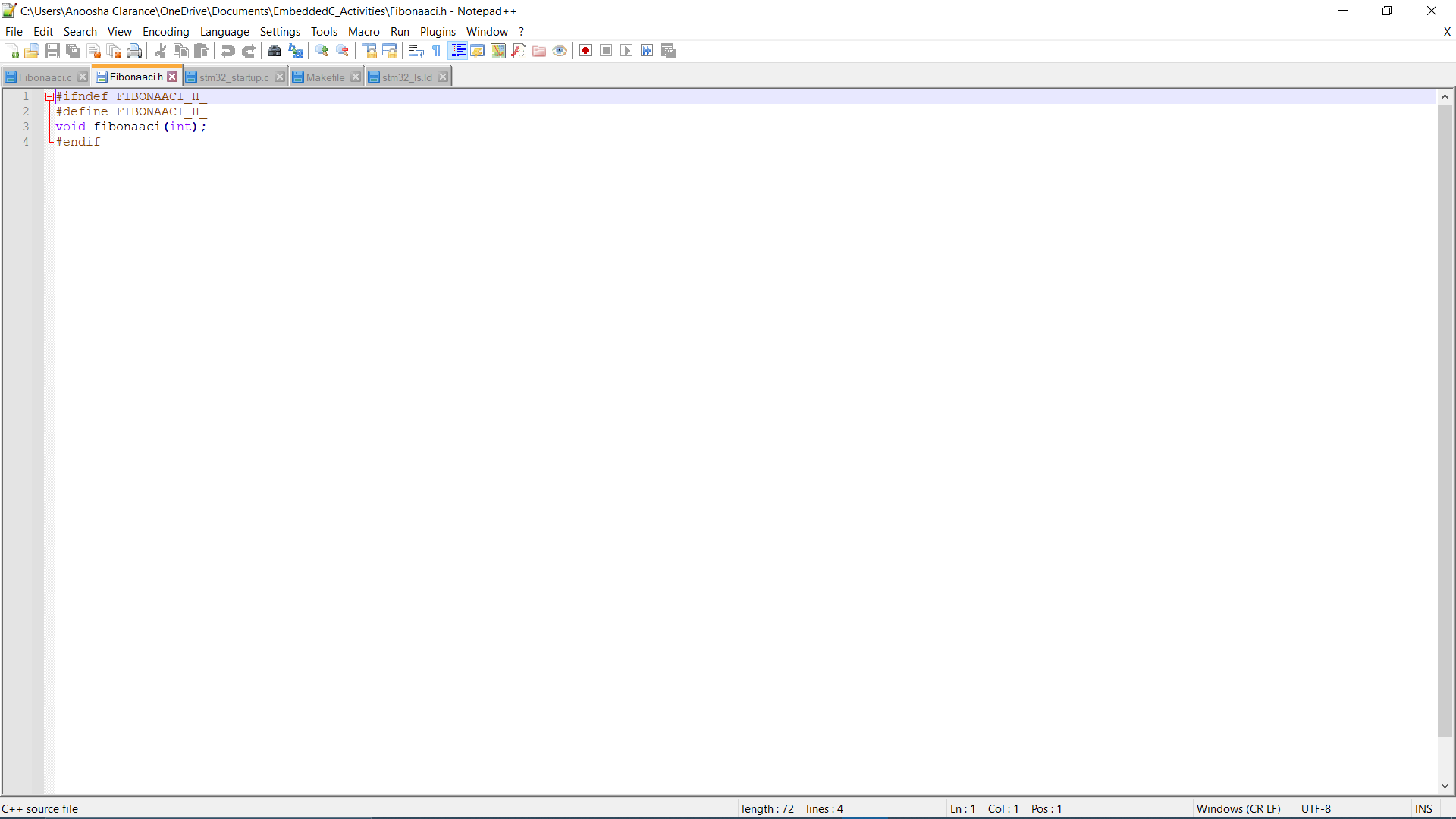


Figure : Fibonaaci.h

## MAIN FILE

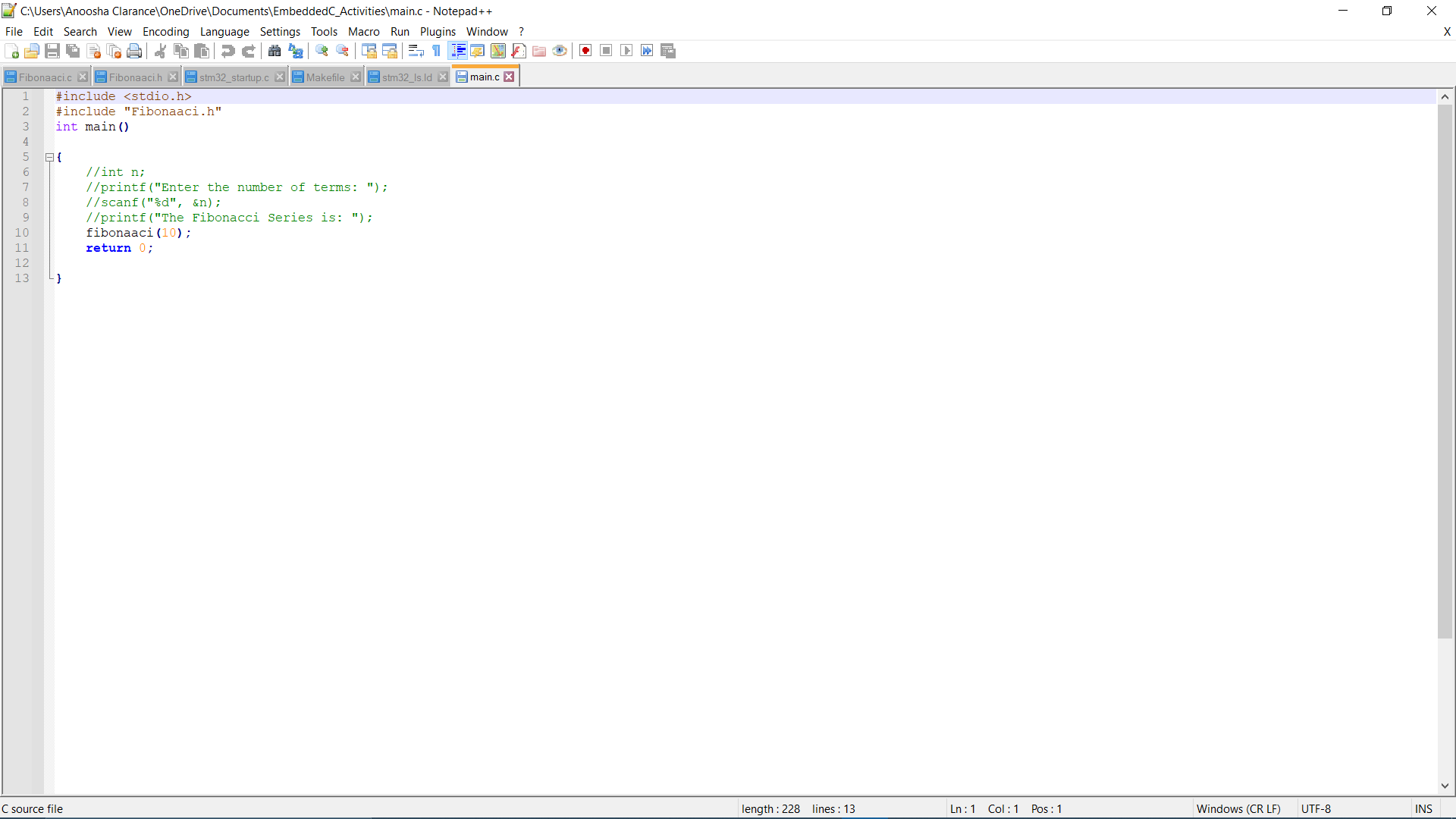


Figure : main.c file

## SCREENSHOT OF BUILD AFTER RUNNING IN GIT BASH

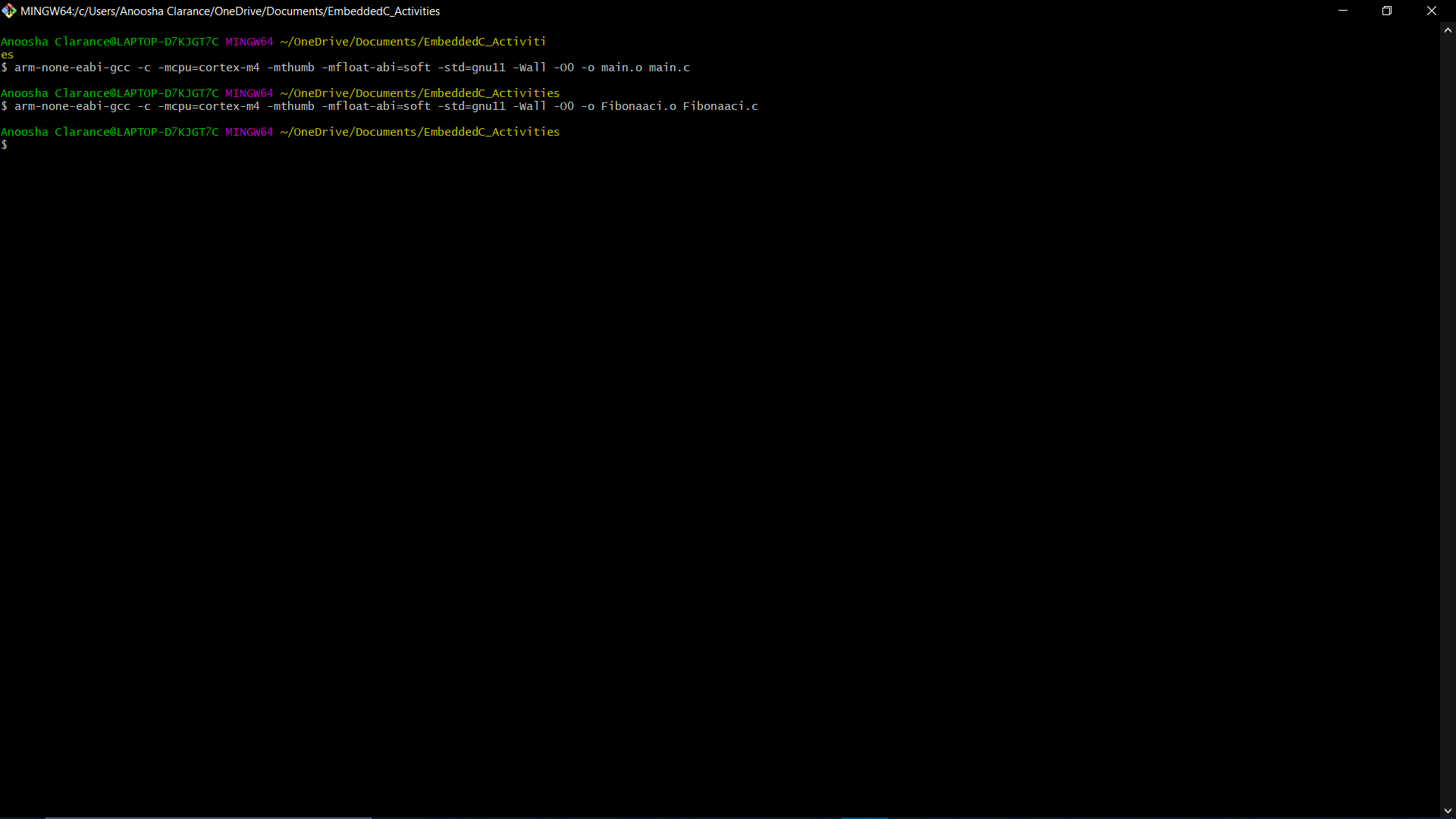
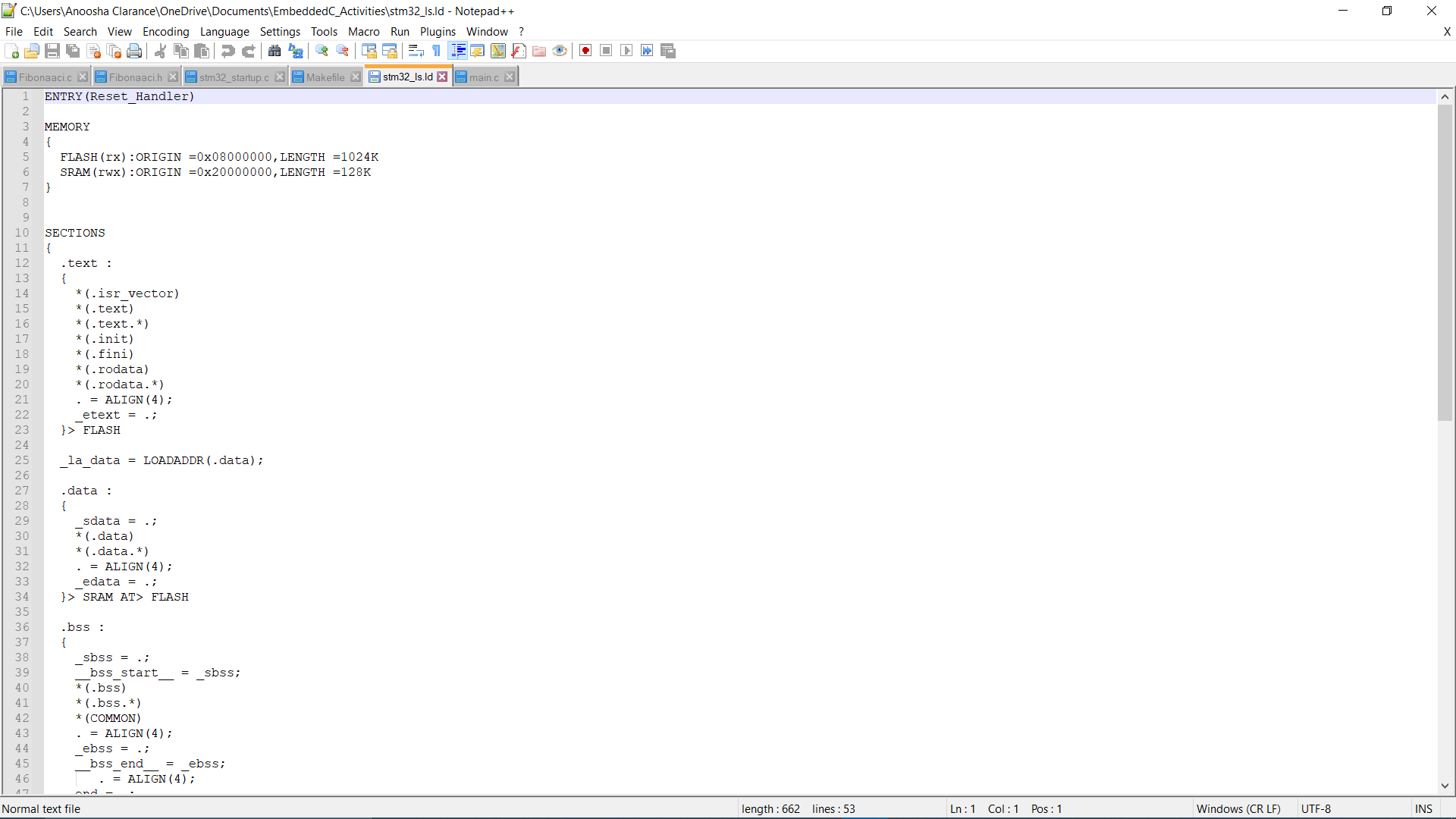
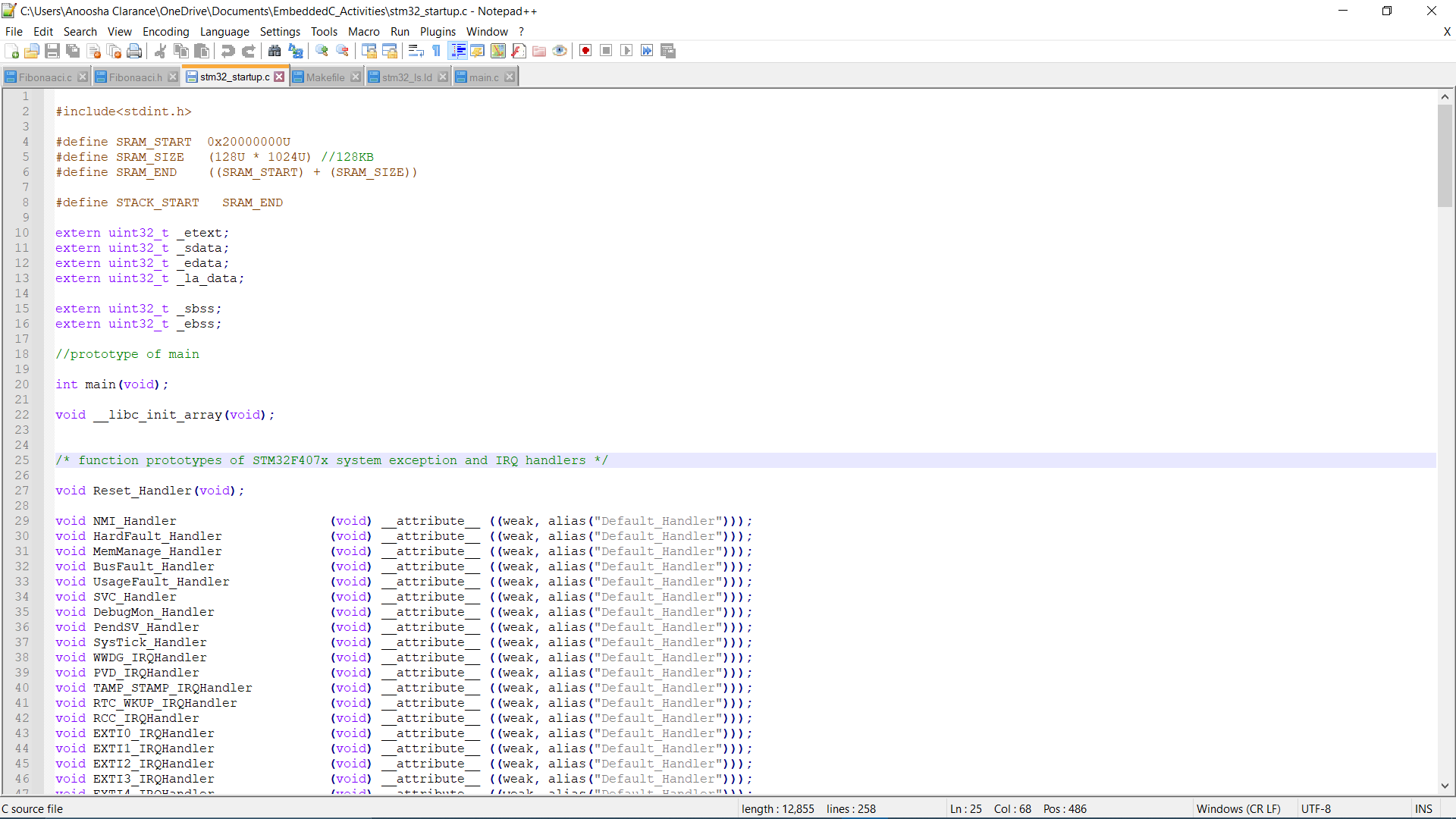


Figure : Git bash output

# ACTIVITY 2: LINKER SCRIPT



# ACTIVITY 3: STARTUP CODE

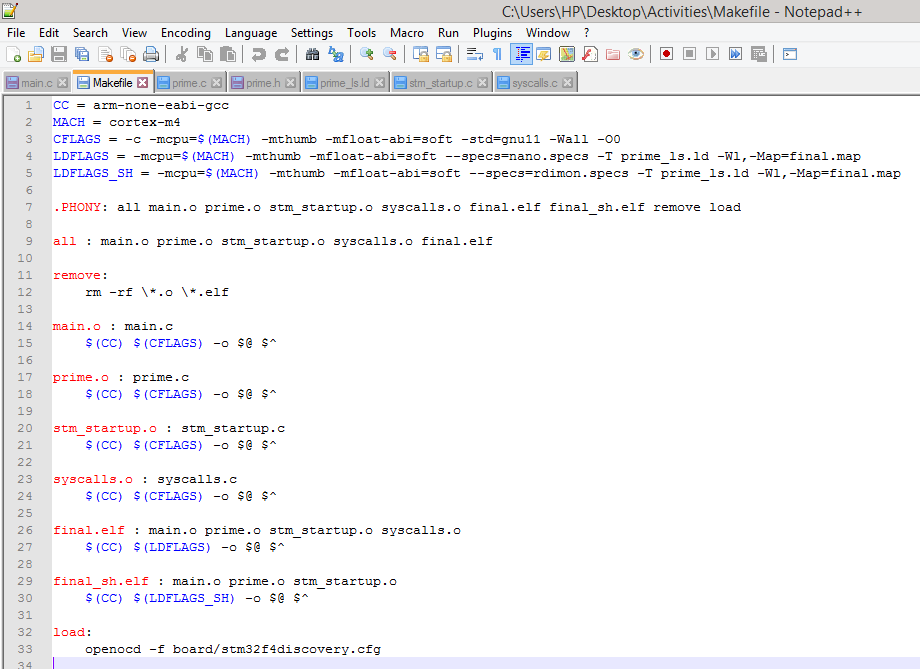


# 

# ACTIVITY 4: BUILD USING MAKEFILE

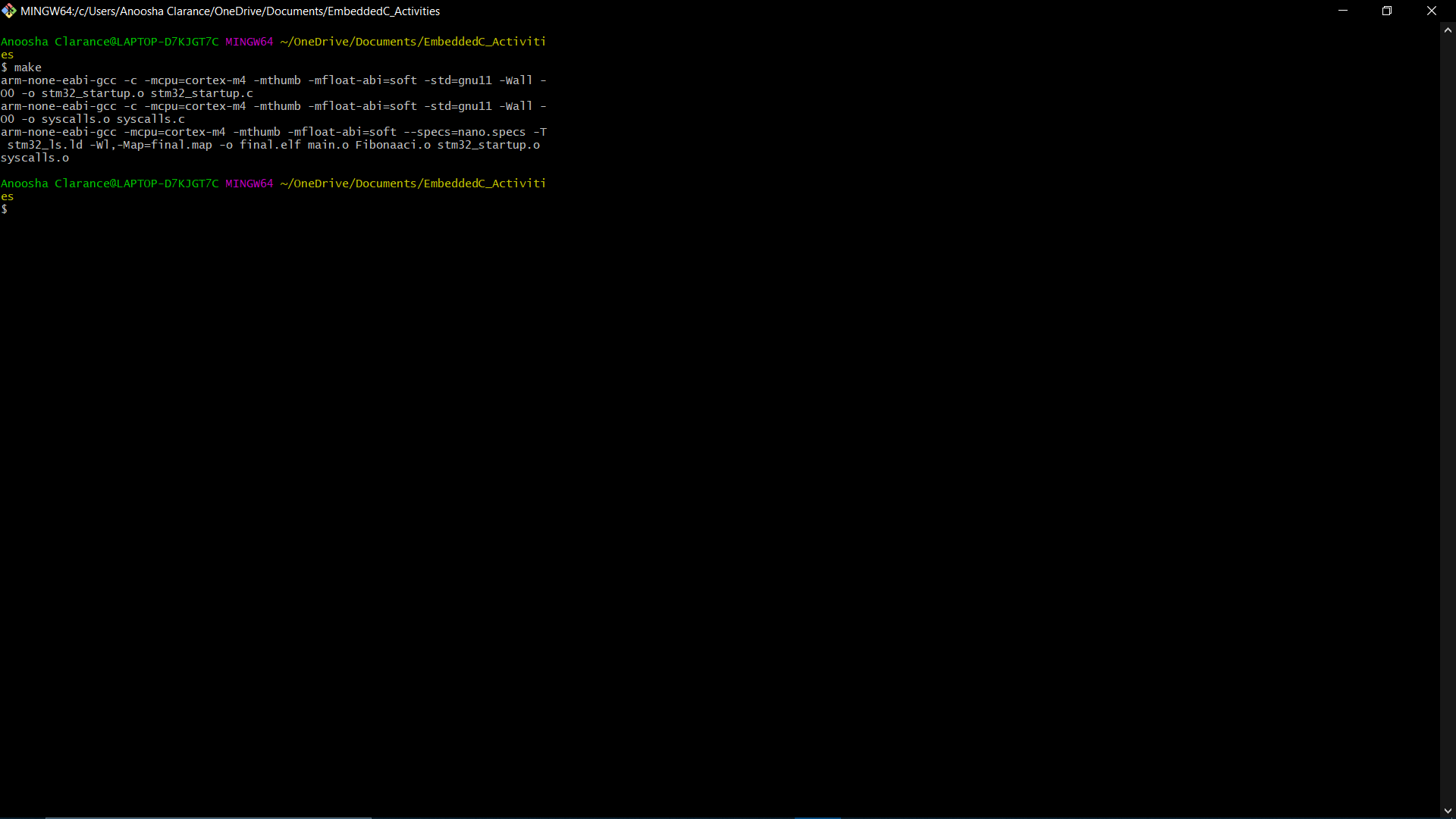
## SCREENSHOT OF MAKEFILE

Figure 5: Makefile



## SCREENSHOT OF OUTPUT AFTER RUNNING MAKE

Figure 6: Output in Git bash



## FILES CREATED

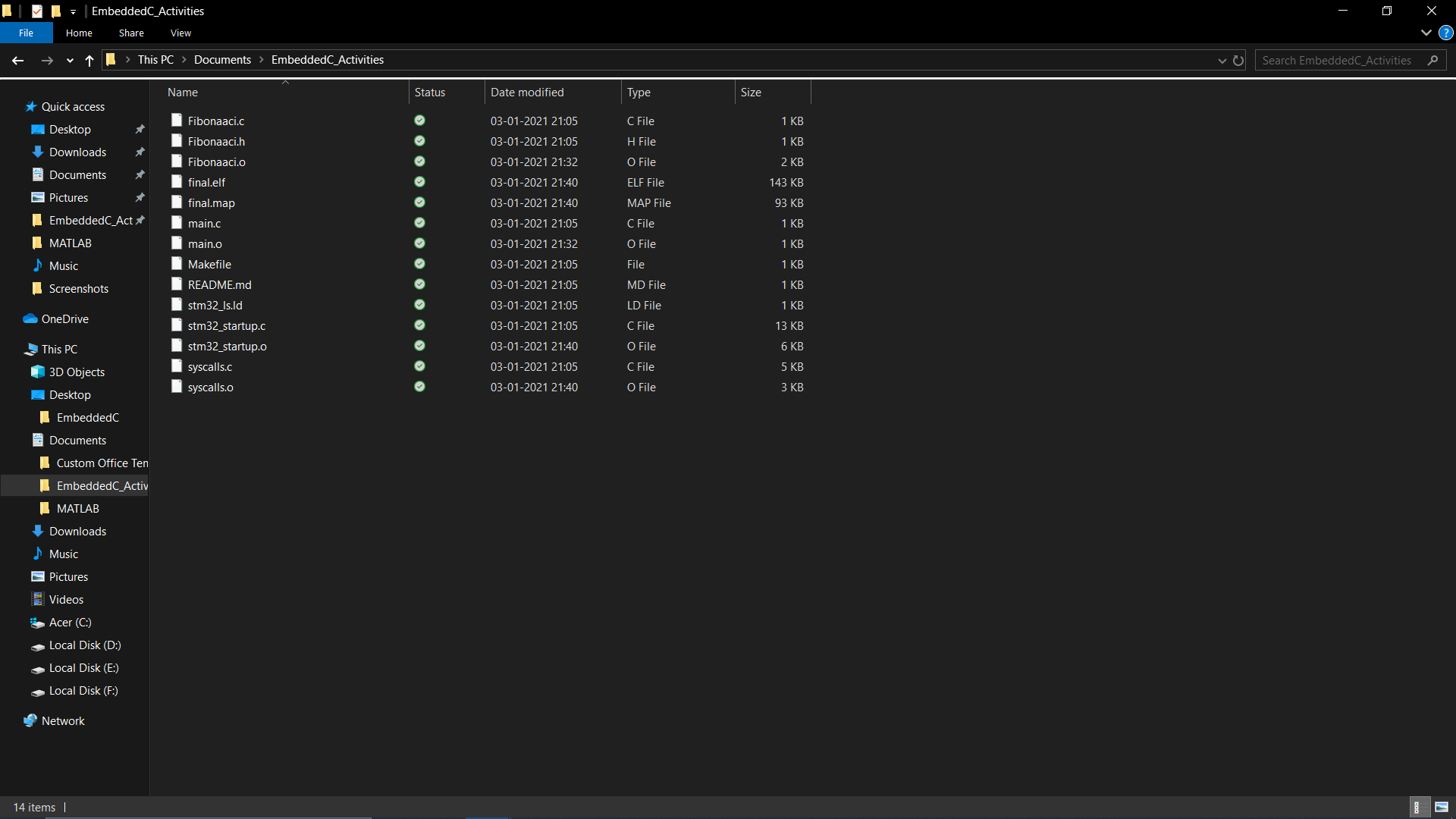


Figure :Files Created

## GITHUB LINK

[EmbeddedC/EmbeddedC\_Activities at main · 99003191/EmbeddedC (github.com)](https://github.com/99003191/EmbeddedC/tree/main/EmbeddedC_Activities)

# MINIPROJECT

## SCREENSHOT OF CODE IMPLEMENTATION

Graphical user interface, text, application

Description automatically generated

Figure :Screenshot of code implementation (STM32)

Text

Description automatically generated

Figure :Screenshot of code implementation (Arduino)

## GITHUB LINK

[EmbeddedC/Temprature\_Sensor at main · 99003191/EmbeddedC (github.com)](https://github.com/99003191/EmbeddedC/tree/main/Temprature_Sensor)