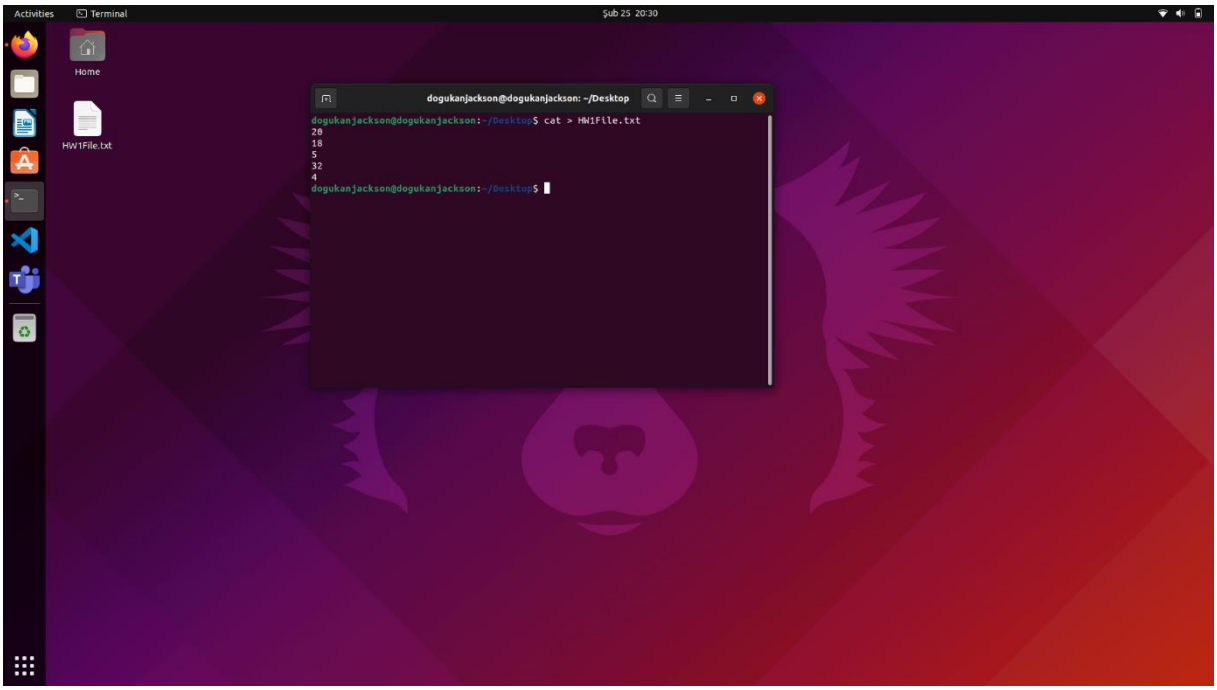
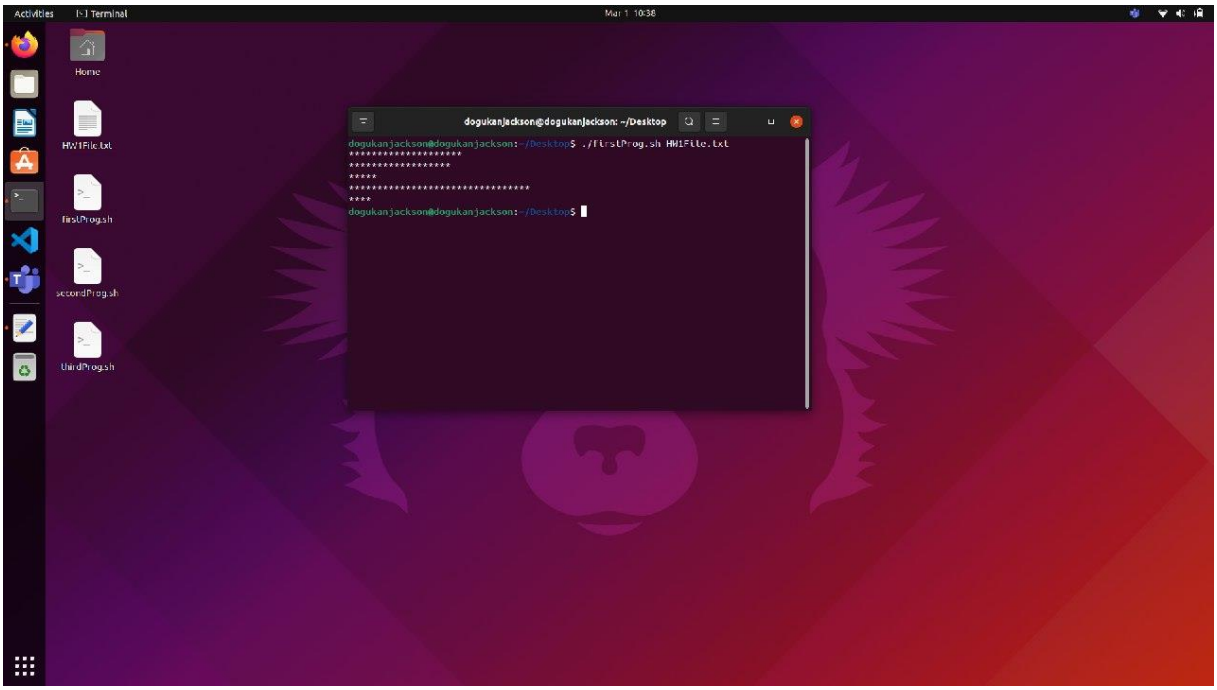
CENG322 Programming Assignment1 Report

By: Doğukan ÇİFTÇİ-230201071

1-) Firstly, I created a txt file that contains given numbers as shown in the picture below:

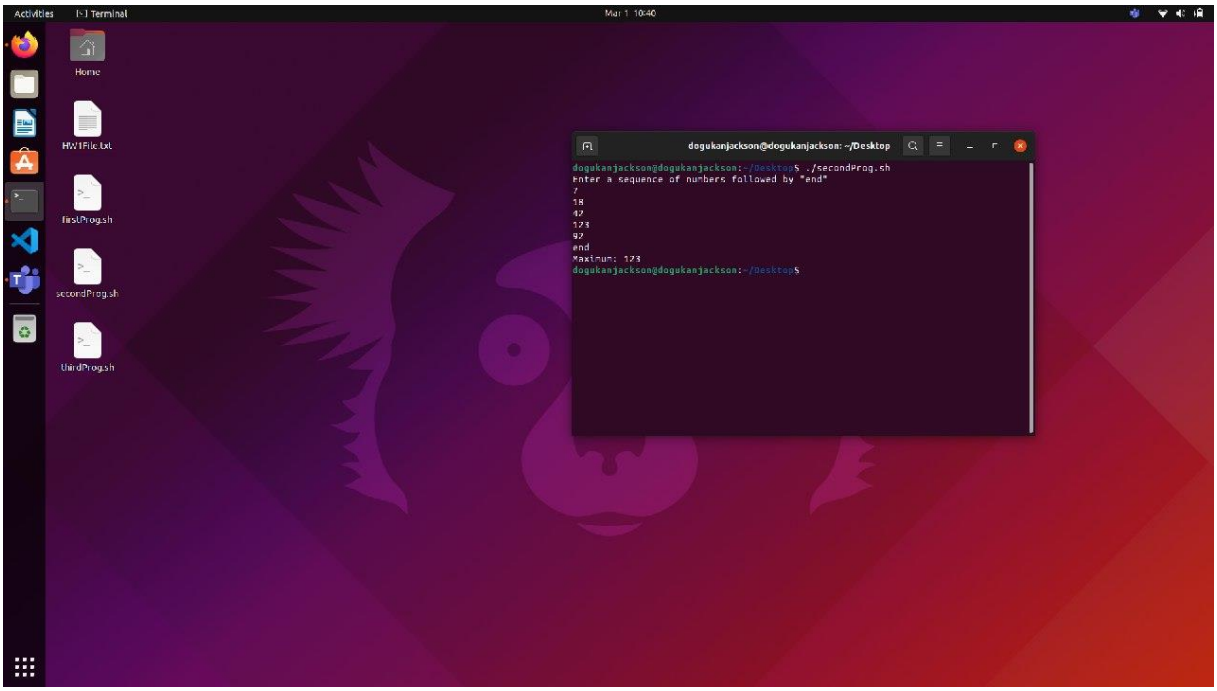


Then I implemented a Shell script named: “firstProg.sh” to complete given task and it gave me following result:

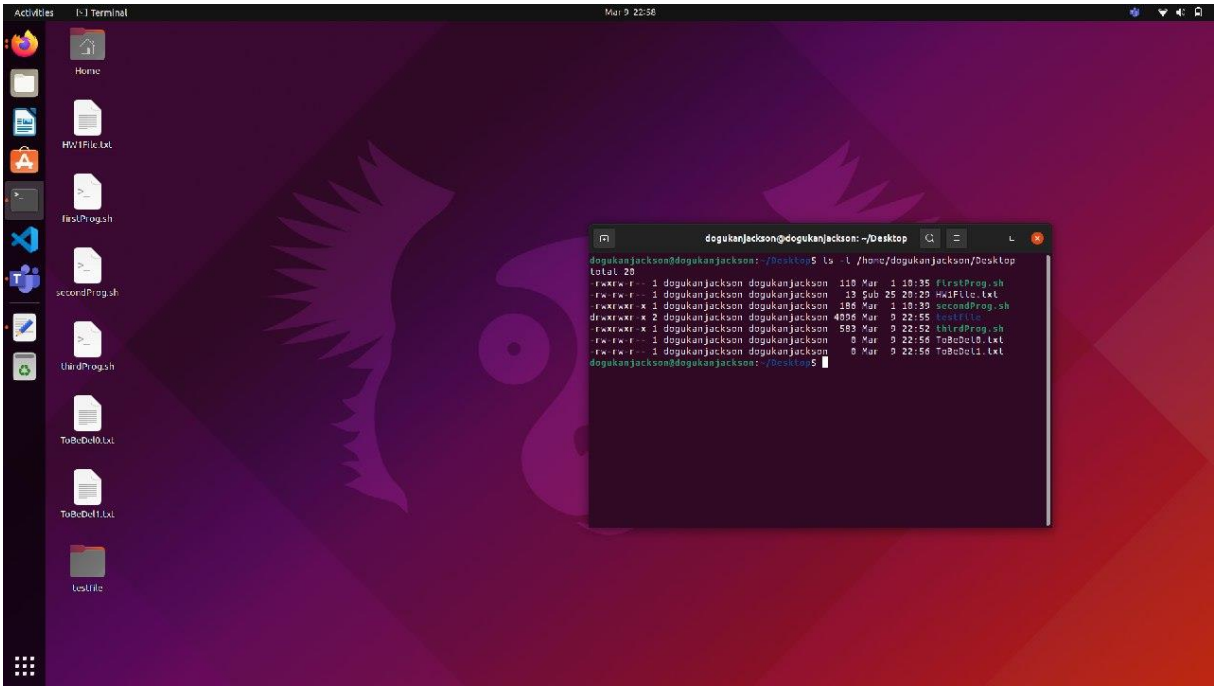


In the implementation, I used a while loop to read the given file. First I tried “echo” command to print out stars but I had difficulty about printing them in the same line, so I used “printf” command for printing stars.

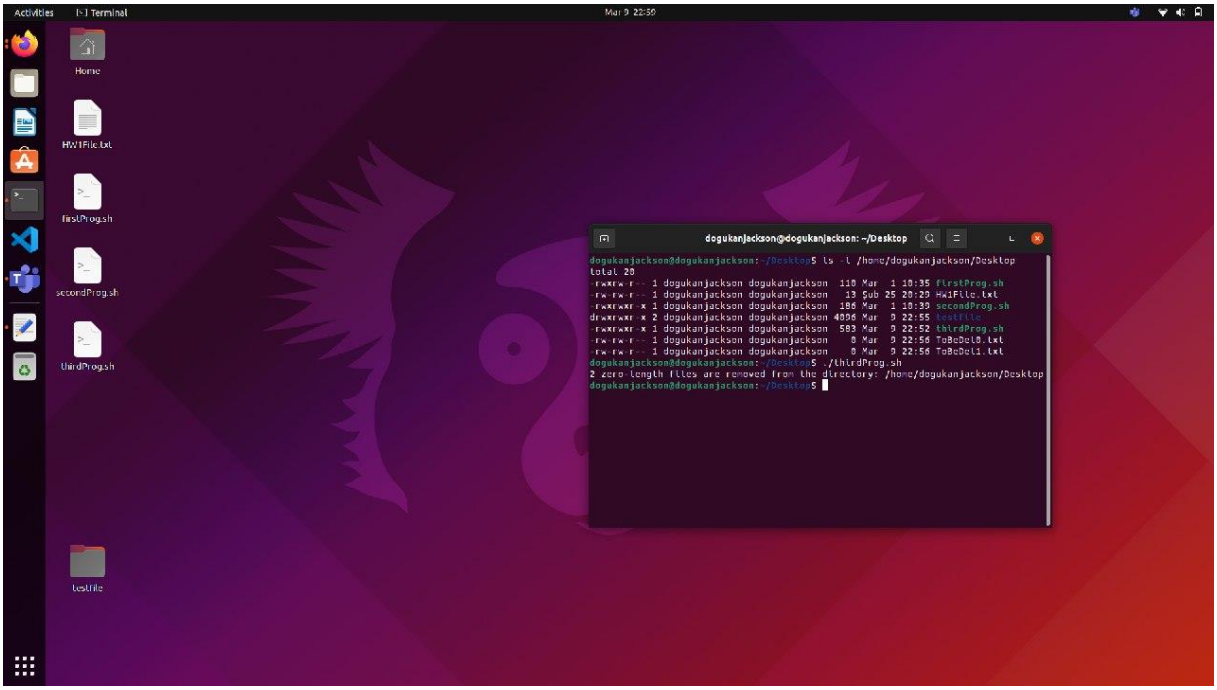
2-) For this question; I implemented a shell script named as: “secondProg.sh”. Again I used a while loop which stops when user enters “end”. I set the maximum number to the first input in a way it updates itself when a larger number is entered. My program worked as the following:



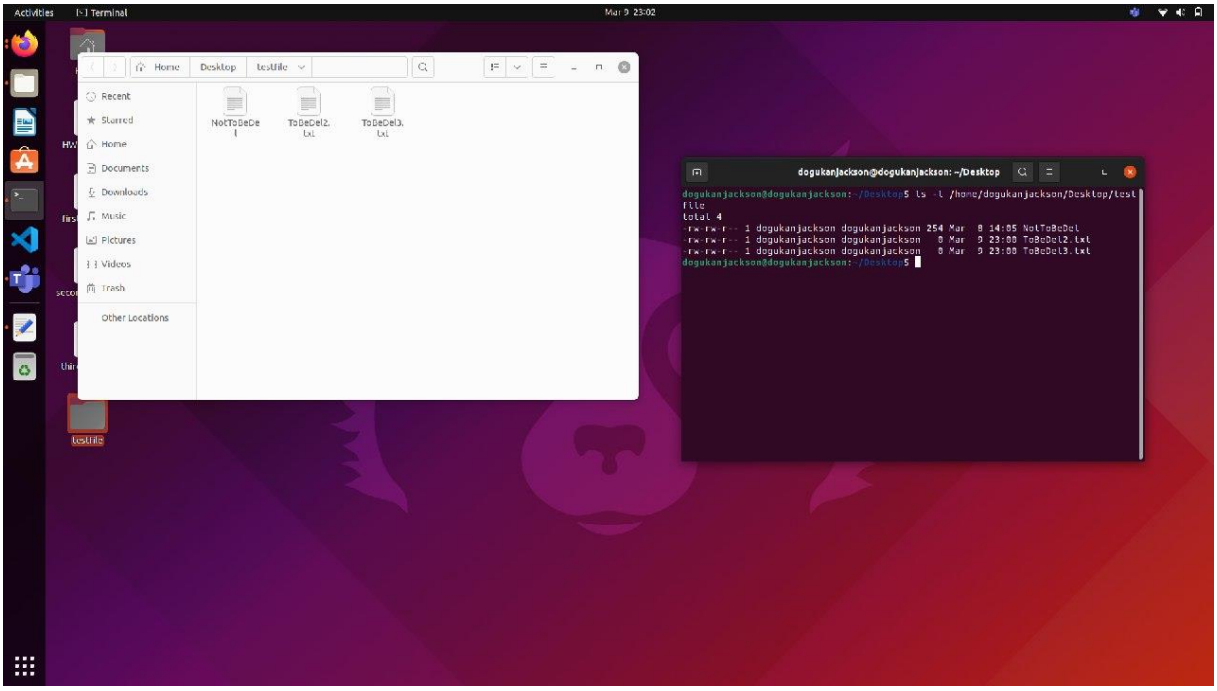
3-) For the last question I implemented a Shell script as “thirdProg.sh”. I implemented it to accept an argument. With an if-elif else structure; İf no argument is given, it Works on working directory, if a valid argument given, it Works in there, if an invalid argument is given, program stops with “exit 1” error.; firstly I created a few empty txt files on Desktop, it was like the Picture:



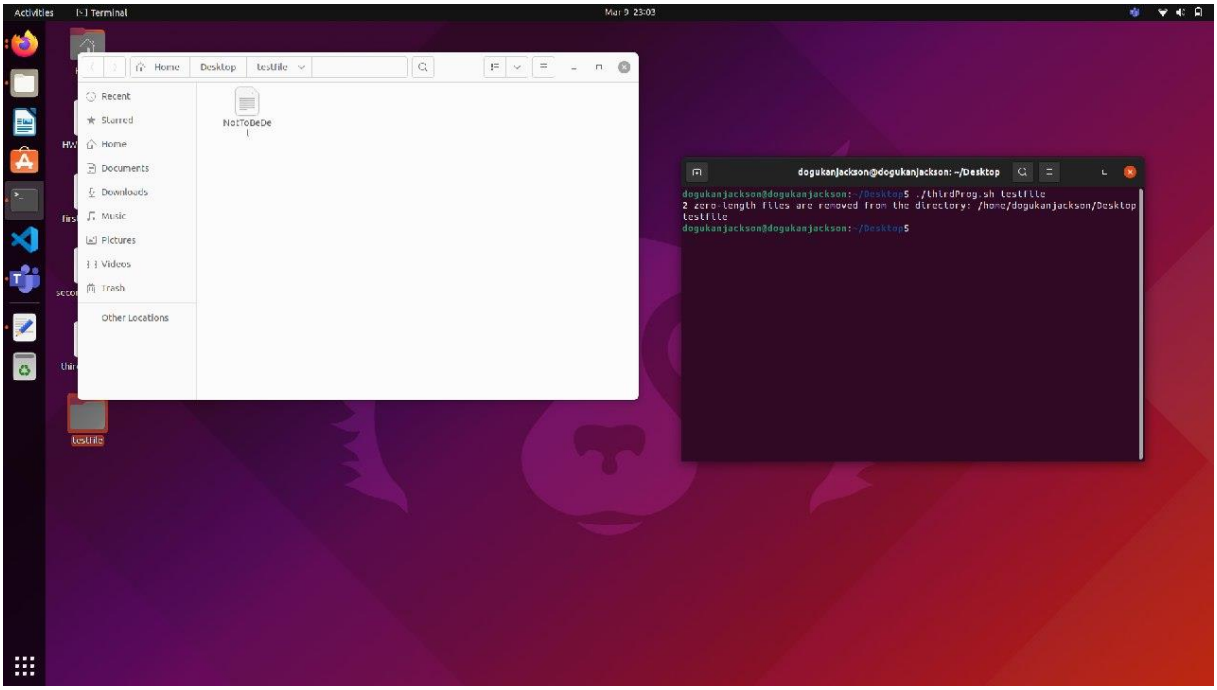
Then when I run ran my script without any argument, empty files on ttheDesktop were deleted:



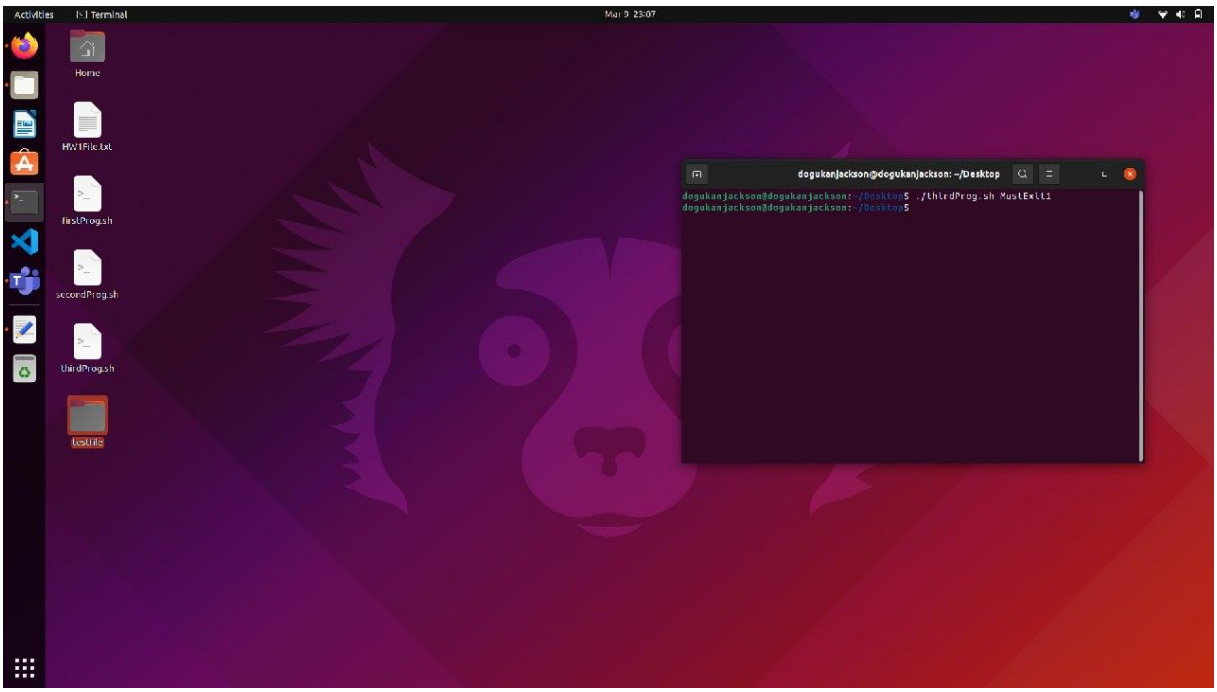
I created a directory named “testfile” which contains 2 empty and 1 non-empty txt files to try my script with an argument:



After that when I ran my script with “testfile” argument, result was:



Finally I tried entering an invalid argument to test “exit 1”:



My shell script worked correctly.