Save all work in your git and GitHub repos!!!
Workflow

First create a folder with a name that associates what the program is about.
Create a source file "*.c" and open it.
Create an outline of what you will do. Everything written should be comments.
Save the file
Do a "git init" to save the file and have git track it.
Update the file following the outline you create in the step above. Start coding here!
At the end after everything is working save and push to GitHub
(Take screenshot of source code and working output)

1) **Restaurant Bill**
   Write a program that computes the tax and tip on a restaurant bill for a patron. The program should accept the tax and tip both as percentages from the command line. Display the meal cost, tax amount, tip amount, and total bill on the screen. The meal cost should be randomly chosen between the following four:
   Salad: $9.95
   Soup: $4.55
   Sandwich: $13.25
   Pizza: $22.35

2) **Number guessing game**
   Create an interactive program that allows a user to guess a number between 1-10. You should create a menu that will have options (this should be displayed on the screen):
   Press 1 to play a game
   Press 2 to change the max number
   Press 3 to quit

   If option 1 is selected the program should prompt the user to enter a number.
   If the user is correct tell them they won then the program should go back to the menu. Otherwise tell them if they were too low or high in there guess and allow them to guess again. This should continue until they win. If they enter **q** instead of a number when prompted the game should end(NOT the program) and return to the menu.

   If option 2 is chosen, then tell them the max value they can set the number. Make sure they do not enter a negative number or go above the max value.

   If option 3 is chosen thank the user for playing and end the game.

   Now create a new branch – call it save_user_max_number
   Can you save the users request for the max number where the program is able to remember it the next time it starts?

What to submit

Screenshots of source code, output of program and GitHub link saved as PDF, DOC or DOCX