

System Manual

There are five functions that return to the main function. The `computeBloodAlcoholConcentration` function calculates the Blood Alcohol Content given the gender, weight, number of drinks, and duration since last drink. The `impairment` function uses the Blood alcohol content to figure out the status of the impairment. The `promptforInteger` function asks the user for their weight or duration from the last time you had a drink and returns it to the main function. The `promptForMorF` function asks the user to say if they are male or female. The `showImpairmentChart` shows the chart of impairment and the blood alcohol concentration. The main function calls `promptforInteger`, `promptForMorF`, and `computeBloodAlcoholConcentration`, and returns weight, the duration since the last drink, and gender to `showImpairmentChart`.