1. (50 pts) Write the functions **Minimum** and **Maximum**, each taking two integer parameters and returning the minimum or maximum, respectively, of their arguments. Then, write a program that reads five integers from the keyboard using `scanf`, and uses your Minimum and Maximum functions to compute the minimum and maximum of the set of integers you entered. Do not use an if statement in your main program.

2. (50 pts) Write a program that inputs a `float` number from the keyboard. This number may be the length of a line in inches, the diameter of a circle in millimeters or the length of a side of a cube in centimeters. The user will also be asked if the object is a line, circle or a cube.
   - If the object is a line **use a function** to convert the length from inches to millimeters.
   - If the object is a circle **use a function** to calculate the area in cm\(^2\).
   - If the object is a cube **use a function** to calculate the volume in cubic meters.
   - The program should give suitable inputs and outputs to prompts and guides the user. You should do proper error handling (The length of a line can not be negative. The length 0 indicates a point and it is OK).