Zach Stern, a floor tiler doing business as Zach Stern’s Tile, needs to know the area of any rectangular floor he’s tiling. He wants a program that asks for the room’s length and width and the cost per square foot of time. The program should calculate and display the room’s area in square feet and the cost of the tile needed to cover the room.

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| Inputs | Outputs | Process |
| roomLength  roomWidth  costPerSqFoot | roomArea  tileTotCst | Display “what is the room’s length?”  Input roomLength  Display “What is the room’s width?”  Input roomWidth  Display “What is the cost per square foot of tile?”  Input costPerSqFoot  roomArea= roomLength\*roomWidth  tileTotCst=costPerSqFoot\*roomArea  Display ”Your room’s total area is”+ roomArea  Display “Your total cost for the tile is”+tileTotCst |