**Solve these problems in LMC and explain your solution**

Write the following programs in LMC. Enter the assembly code instructions you used in the column titled, ‘assembly language’. Explain what the command is doing in the explanation column so it makes sense to someone reading your program.

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| **Input 2 numbers then output them both, smallest first.** | |
| Assembly language | Explanation |
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| **Input 3 numbers, then output the largest number.** | |
| Assembly language | Explanation |
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| **Input 3 numbers, then output them in order, smallest to largest.** | |
| Assembly language | Explanation |
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| **Inputs values until a 0 is input. It then output the largest number.** | |
| Assembly language | Explanation |
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