Weekly Exercise 7 - Feedback

• Feedback on our algorithms of last Friday!

• Question 1 - Problem Statement:
  • Given 3 numbers, find the largest one.

• Solution – Algorithm:
  Get three numbers
  -> number1, number2, number3
  Set maxNumber to number1
  if number2 > maxNumber
      Set maxNumber to number2
  if number3 > maxNumber
      Set maxNumber number3

To help you create a solution, use examples. Using 15, 30, 45, here are all possible permutations:

<table>
<thead>
<tr>
<th>number1</th>
<th>number2</th>
<th>number3</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>30</td>
<td>45</td>
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<td>30</td>
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<tr>
<td>30</td>
<td>45</td>
<td>15</td>
</tr>
</tbody>
</table>
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• These are NOT acceptable answers: 😞

1. A Python program

2. A solution that says:
   • Get 3 numbers
   • Compare these 3 numbers and select the largest
   • Display/print the largest

3. A solution that says:
   • Assign 3 numbers to variables
   • Include functions that convert the user’s response into a number
   • Create conditions that seek out the largest value out of the 3
   • Display/print the largest

4. A solution that says:
   • Give the user 3 numbers: 3, 8, 2
   • Ask the user which number is the largest
   • Let the user know whether s/he has selected correctly