Lab #6

Programming and Algorithms

Please complete all of the following questions:

1. The following Python program calculates factorial values, modularise the code with a module called CalcFact().

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| # PROGRAM Factorial:  value = int(input("Please input value:"))  total = 1  while value != 0:  # DO  total = total \* value  value = value - 1  # ENDWHILE;  print(total)  # END. |

1. Add some error checking into the following program.

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| # PROGRAM Factorial:  value = int(input("Please input value:"))  total = 1  while value != 0:  # DO  total = total \* value  value = value - 1  # ENDWHILE;  print(total)  # END. |

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| e-mail me a completed solution to each of the above programs in a Word document, and include Labs #1-#5 in this document also.  e-mail to [Damian.Gordon@dit.ie](mailto:Damian.Gordon@dit.ie) with subject heading “DT255 PaA Lab #1-6” |