

Task 1:

Write a program using HEX code for a Mu0 processor to solve the following problem:

$$y = \sum_{i=1}^{15} x_i \text{ where } x_i = i \text{ (or } y=1+2+3+\dots+15)$$

Note: This will form 20% of the coursework assignment. The other parts of the coursework will be given over the next 5 weeks and need to be finally submitted in week 8.