The Little Man Computer – Extension

#### 1 Add 3 numbers

Write a program to add 3 numbers

Note down any initial data:

|  |  |  |
| --- | --- | --- |
| Address | Value | Comment |
|  |  |  |
|  |  |  |
|  |  |  |

And also the program

|  |  |  |
| --- | --- | --- |
| Address | Instruction | What it does |
| 00 |  |  |
| 01 |  |  |
| 02 |  |  |
| 03 |  |  |
| 04 |  |  |
| 05 |  |  |
| 06 |  |  |
| 07 |  |  |
| 08 |  |  |
| 09 |  |  |
| 10 |  |  |

#### 2 Addition & Subtraction

Write a program that correctly calculates   
x + y + z – a – b (Ex. 1 + 2 + 3 – 4 – 5 = -3)

Data:

|  |  |  |
| --- | --- | --- |
| Address | Value | Comment |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Program:

|  |  |  |
| --- | --- | --- |
| Address | Instruction | What it does |
| 00 |  |  |
| 01 |  |  |
| 02 |  |  |
| 03 |  |  |
| 04 |  |  |
| 05 |  |  |
| 06 |  |  |
| 07 |  |  |
| 08 |  |  |
| 09 |  |  |
| 10 |  |  |