|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| E=69 |  |  |  |  |  |  |  |  |  |
| 69 | 34 | 17 | 8 | 4 | 2 | 1 |  |  |  |
| 1 | 0 | 1 | 0 | 0 | 0 | 1 |  |  |  |

Ejercicio 1:

“Empezamos el técnico en la Universidad Galileo.”

**E= 01000101**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| m= 109 |  |  |  |  |  |  |
| 109 | 54 | 27 | 13 | 6 | 3 | 1 |
| 1 | 0 | 1 | 1 | 0 | 1 | 1 |

**m=01101101**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| p=112 |  |  |  |  |  |  |
| 112 | 56 | 28 | 14 | 7 | 3 | 1 |
| 0 | 0 | 0 | 0 | 1 | 1 | 1 |

**P=01110000**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Z=122** |  |  |  |  |  |  |
| **122** | **61** | **30** | **15** | **7** | **3** | **1** |
| **0** | **1** | **0** | **1** | **1** | **1** | **1** |

**Z= 01111010**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **a=97** |  |  |  |  |  |  |
| **97** | **48** | **24** | **12** | **6** | **3** | **1** |
| **1** | **0** | **0** | **0** | **0** | **1** | **1** |

**a=01100001**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **O=111** |  |  |  |  |  |  |
| **111** | **55** | **27** | **13** | **6** | **3** | **1** |
| **1** | **1** | **1** | **1** | **0** | **1** | **1** |

**o= 01101111**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S= 115** |  |  |  |  |  |  |
| **115** | **57** | **28** | **14** | **7** | **3** | **1** |
| **1** | **1** | **0** | **0** | **1** | **1** | **1** |

**s= 01110011**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **L=108** |  |  |  |  |  |  |
| **108** | **38** | **19** | **9** | **4** | **2** | **1** |
| **0** | **0** | **1** | **1** | **0** | **0** | **1** |

**l=01001100**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **T=116** |  |  |  |  |  |  |
| **116** | **58** | **29** | **14** | **7** | **3** | **1** |
| **0** | **0** | **1** | **0** | **1** | **1** | **1** |

**t=01110100**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **c=99** |  |  |  |  |  |  |
| **99** | **49** | **24** | **12** | **6** | **3** | **1** |
| **1** | **1** | **0** | **0** | **0** | **1** | **1** |

**C=01100011**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **n=110** |  |  |  |  |  |  |
| **110** | **55** | **27** | **13** | **6** | **3** | **1** |
| **0** | **1** | **1** | **1** | **0** | **1** | **1** |

**n=01101110**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **i= 105** |  |  |  |  |  |  |
| **105** | **52** | **26** | **13** | **6** | **3** | **1** |
| **1** | **0** | **0** | **1** | **0** | **1** | **1** |

**i=01101001**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **u=117** |  |  |  |  |  |  |
| **117** | **58** | **29** | **14** | **7** | **3** | **1** |
| **1** | **0** | **1** | **0** | **1** | **1** | **1** |

**u=01110101**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **d= 100** |  |  |  |  |  |  |
| **100** | **50** | **25** | **12** | **6** | **3** | **1** |
| **0** | **0** | **1** | **0** | **0** | **1** | **1** |

**d=01100100**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **G= 71** |  |  |  |  |  |  |
| **71** | **35** | **17** | **8** | **4** | **2** | **1** |
| **1** | **1** | **1** | **0** | **0** | **0** | **1** |

**G= 01000111**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Espacio= 32** |  |  |  |  |  |  |
| **32** | **16** | **8** | **4** | **2** | **1** |  |
| **0** | **0** | **0** | **0** | **0** | **1** |  |

**=00010000**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **e= 101** |  |  |  |  |  |  |
| **101** | **50** | **25** | **12** | **6** | **3** | **1** |
| **1** | **0** | **1** | **0** | **0** | **1** | **1** |

**e=01100101**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **v=118** |  |  |  |  |  |  |
| **118** | **59** | **29** | **14** | **7** | **3** | **1** |
| **0** | **1** | **1** | **0** | **1** | **1** | **1** |

**v= 01110110**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **r= 114** |  |  |  |  |  |  |
| **114** | **57** | **28** | **14** | **7** | **3** | **1** |
| **0** | **1** | **0** | **0** | **1** | **1** | **1** |

**r=01110010**

|  |  |
| --- | --- |
| **E** | **01000101** |
| **m** | **01101101** |
| **p** | **01110000** |
| **e** | **01100101** |
| **z** | **01111010** |
| **a** | **01100001** |
| **m** | **01101101** |
| **o** | **01101111** |
| **s** | **01110011** |

|  |  |
| --- | --- |
| **e** | **01100101** |
| **l** | **01001100** |

|  |  |
| --- | --- |
| **t** | **01110100** |
| **e** | **01100101** |
| **c** | **01100011** |
| **n** | **01101110** |
| **i** | **01101001** |
| **c** | **01100011** |
| **o** | **01101111** |

|  |  |
| --- | --- |
| **e** | **01100101** |
| **n** | **01101110** |

|  |  |
| --- | --- |
| **l** | **01001100** |
| **a** | **01100001** |

|  |  |
| --- | --- |
| **u** | **01110101** |
| **n** | **01101110** |
| **i** | **01101001** |
| **v** | **01110110** |
| **e** | **01100101** |
| **r** | **01110010** |
| **s** | **01110011** |
| **i** | **01101001** |
| **d** | **01100100** |
| **a** | **01100001** |
| **d** | **01100100** |

|  |  |
| --- | --- |
| **G** | **01000111** |
| **a** | **01100001** |
| **l** | **01001100** |
| **i** | **01101001** |
| **l** | **01001100** |
| **e** | **01100101** |
| **p** | **01101111** |

**PARTE 2:**

**“luis”**

|  |  |
| --- | --- |
| **L** | **01001100** |
| **u** | **01110101** |
| **i** | **01101001** |
| **s** | **01110011** |