**PRUEBAS RETO 2**

**PRUEBA 1**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| 4  984556.95  7  c  4231151.24  26  e  67921.33  21  d  182856.1  -1  c | 523  a 0.00%  b 0.00%  c 2.87%  d 0.00%  e 97.13% |

**PRUEBA 2**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| 0 | 0  a 0.00%  b 0.00%  c 0.00%  d 0.00%  e 0.00% |

**PRUEBA 3**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| 8  186000  23  f  315500  6  b  297600  19  c  786700  2  a  168900  30  a  401500  26  a  510900  13  b  351200  12  f | 93  a 23.66%  b 76.34%  c 0.00%  d 0.00%  e 0.00% |

**PRUEBA 4**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| 7  239983443.34  -23  f  -23455234.2  3  d  234235523  5  C  234324232.56  45  -a  -123442344.45  -2  -g  234234234.45  55  e  -23455444  11  b | 35466  a 0.00%  b 0.00%  c 11.13%  d 0.00%  e 88.87% |

**PRUEBA 5**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| 5  1827346.34  23  a  29374.3  4  b  234253.22  10  c  34555464.233  12  d  234453455.87  9  e | 33121  a 0.12%  b 0.00%  c 0.00%  d 4.28%  e 95.59% |

**PRUEBA 6**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| 5  65343545.23  5  a  3455345.87  6  b  97479925.23  7  c  373465834.23  9  d  66774856.56  5  e | 28405  a 6.45%  b 1.73%  c 5.78%  d 54.31%  e 31.73% |

**PRUEBA 7**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| 15  489100  20  c  791900  27  d  109000  2  a  56700  29  a  626800  6  b  804200  14  a  549600  19  b  986000  30  e  76300  30  a  39700  30  c  716400  30  a  587800  24  a  852500  23  f  44900  12  b  539600  29  b | 211  a 13.74%  b 50.71%  c 1.42%  d 6.16%  e 27.96% |

**PRUEBA 8**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| 30  218100  18  f  985200  29  f  70200  5  a  587500  8  a  69700  19  f  167300  20  d  487300  20  f  123900  6  a  860600  30  e  685800  25  c  555200  2  b  109400  7  c  71800  2  d  720200  19  e  479200  21  d  400100  18  c  271600  24  f  651600  27  e  425600  -1  b  663700  18  c  464400  18  c  316600  13  b  841700  -1  b  991100  24  d  943400  11  c  335100  27  a  403100  8  f  118000  9  e  335300  4  f  605400  29  d | 277  a 5.05%  b 32.13%  c 10.11%  d 11.55%  e 41.16% |

**PRUEBA 9**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| 50  210000  17  c  529200  20  a  394400  18  f  328000  25  e  102700  28  f  867000  22  c  583700  15  e  791300  4  a  610000  25  c  46000  23  d  197900  -1  d  350800  19  b  767500  14  b  522400  3  c  364100  16  f  74200  13  e  605200  17  e  115300  20  b  648700  0  e  279700  4  e  434200  19  f  685200  0  b  832800  4  e  778400  20  c  141900  0  c  992300  29  a  517600  -1  d  604900  24  a  837900  15  e  367700  5  d  793400  11  f  954600  1  b  430500  7  d  673600  15  c  820700  18  a  414600  28  f  301700  20  e  162300  21  b  934300  26  b  420000  24  f  985900  18  e  832400  4  e  627200  21  f  501600  15  f  522000  20  d  76400  9  f  435800  4  f  82900  25  d  590900  19  b  432100  21  b | 1121  a 5.17%  b 38.00%  c 3.21%  d 2.85%  e 50.76% |

**PRUEBA 10**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| 75  556500  25  c  817800  13  c  27000  10  a  395000  2  a  875900  15  a  240800  21  f  417500  5  c  642900  22  a  761200  13  a  603100  9  d  526100  2  e  4000  5  d  496600  14  a  304100  7  d  170500  4  c  738700  3  d  586300  -1  e  360700  19  b  151200  27  f  254500  15  d  484300  -1  b  222200  23  f  467900  21  d  600900  19  b  463600  22  e  324100  1  c  609600  24  d  981600  29  d  158200  18  c  389300  1  c  711300  8  c  140300  25  a  11100  1  a  82000  5  b  870700  9  d  535700  29  c  391000  2  c  621600  0  d  826400  21  c  182600  16  f  79200  6  f  31600  30  c  203600  10  e  42600  -1  b  287200  26  d  872300  9  d  325700  20  b  269400  -1  e  207300  20  c  636000  -1  f  832300  4  d  618900  2  a  951200  15  b  136700  19  f  826900  23  e  95700  7  a  214200  14  f  75300  24  e  837000  -1  c  108000  21  f  566000  2  f  148100  13  c  690900  23  e  433500  -1  a  392100  28  b  331900  14  c  32000  30  b  382000  23  c  281500  16  e  911500  10  e  709800  30  d  859600  16  f  439100  12  a  491600  3  a  198800  19  a | 773  a 12.16%  b 17.98%  c 7.76%  d 27.30%  e 34.80% |

**PRUEBA 11**

|  |  |
| --- | --- |
| **INPUT** | **OUTPUT** |
| 100  201900  7  a  801500  24  a  350600  10  f  551900  19  b  376400  7  d  989700  7  d  549600  30  f  357200  8  e  247900  28  e  588700  15  b  937000  6  d  25200  8  c  46800  4  f  527600  13  a  177000  26  a  571100  2  a  269100  6  f  944900  25  b  882800  16  e  547000  26  b  614000  12  e  989600  14  e  901800  2  c  324500  16  d  657500  21  c  888600  12  f  360600  7  e  246100  3  a  544900  -1  f  563200  24  a  371200  29  a  515100  4  e  458400  -1  f  834500  12  e  183500  19  e  120600  17  c  108900  14  a  129500  30  a  127500  29  d  404900  8  b  902100  16  c  364400  6  d  864700  21  a  841100  17  f  94000  17  a  106800  18  f  444000  30  a  736300  19  b  396700  28  b  657100  29  e  505000  22  a  19900  14  f  460500  2  a  679900  8  b  913100  11  d  259400  26  c  359000  7  a  813700  4  d  901000  9  a  707700  30  a  442900  22  d  904500  2  a  125300  5  c  948400  5  e  714800  1  b  358400  6  b  369900  11  f  726600  5  e  942700  2  d  991000  5  e  656400  17  a  328800  18  a  523200  14  f  758900  8  c  592200  8  e  572900  26  e  788200  2  b  789400  6  a  223800  13  e  745000  9  a  830800  2  a  988400  5  b  37100  25  e  186200  6  b  211800  25  a  985800  28  d  249600  21  f  115000  18  e  396100  14  c  761300  12  e  501300  6  c  668600  30  d  286400  21  b  204000  27  c  748500  9  d  902500  10  b  836800  20  d  790500  18  d  641900  28  f  322800  13  c | 2306  a 8.93%  b 36.17%  c 2.39%  d 12.36%  e 40.16% |