Lab 08 PS

IT24104332 – Fernando R. R. S. J.

|  |  |  |
| --- | --- | --- |
| Sample | Mean | Standard Deviation |
| 1 | 2.448333 | 0.2366784 |
| 2 | 2.380000 | 0.2913417 |
| 3 | 2.386667 | 0.2393881 |
| 4 | 2.498333 | 0.2910269 |
| 5 | 2.128333 | 0.2524612 |
| 6 | 2.426667 | 0.2524612 |
| 7 | 2.358333 | 0.1638800 |
| 8 | 2.528333 | 0.2115104 |
| 9 | 2.568333 | 0.1758882 |
| 10 | 2.531667 | 0.1402022 |
| 11 | 2.305000 | 0.3420380 |
| 12 | 2.378333 | 0.1487840 |
| 13 | 2.485000 | 0.0680441 |
| 14 | 2.581667 | 0.1821446 |
| 15 | 2.351667 | 0.4079910 |
| 16 | 2.451667 | 0.1585455 |
| 17 | 2.516667 | 0.3996832 |
| 18 | 2.523333 | 0.1846799 |
| 19 | 2.351667 | 0.4127186 |
| 20 | 2.375000 | 0.2608256 |
| 21 | 2.415000 | 0.2352658 |
| 22 | 2.513333 | 0.2110608 |
| 23 | 2.595000 | 0.1165762 |
| 24 | 2.350000 | 0.1525778 |
| 25 | 2.501667 | 0.1817049 |
| 26 | 2.618333 | 0.1293703 |

|  |  |
| --- | --- |
| Population Mean | 2.468 |
| Population Variance | 0.06559077 |
| Mean of the Sample Means | 2.444936 |
| Variance of the Sample Means | 0.01186344 |
| Population Standrad Deviation | 0.2561069 |
| Standard Deviation of the Sample Means | 0.1089194 |

Question 01

A screenshot of a computer code

Description automatically generated

Question 02

A white background with numbers and letters

Description automatically generated with medium confidence

Question 03

A computer screen shot of numbers

Description automatically generated