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| ***Lab Report***  ***IA 3203 – Digital Signal Processing***  *Department of Instrumentation and Automation Technology*  *University of Colombo* |
| **DSP 304 – – Analog to Digital Conversion** |

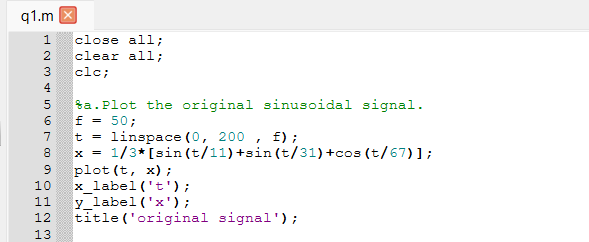
|  |  |
| --- | --- |
| **Registration No: 2021t01108** |  |
| **Students Name: bimsara gunawardana** |  |
| **Date (dd/mm/yy): 1/11/2024** |  |

**Exercise:**

Question 01.a:

**Answer:**

***Octave code:***

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***Figures:***

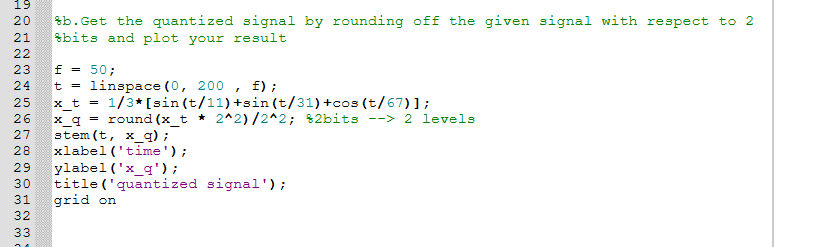
**A graph of a sinusoid signal

Description automatically generated**

Question 01.b:

**Answer:**

***Octave code:***

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***Figures:***

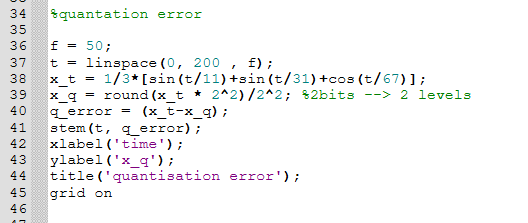
A diagram of a graph

Description automatically generated

Question 01.c:

**Answer:**

***Octave code:***

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***Figures***A graph with blue dots and lines

Description automatically generated

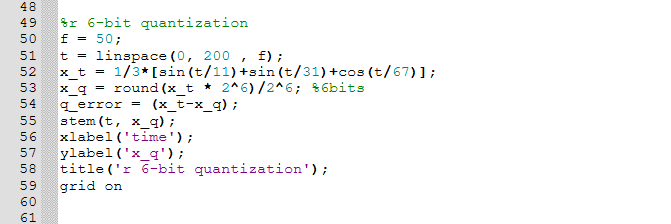
A screenshot of a computer

Description automatically generated

Question 01.d:

**Answer:**

***Octave code:***

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***Figures***

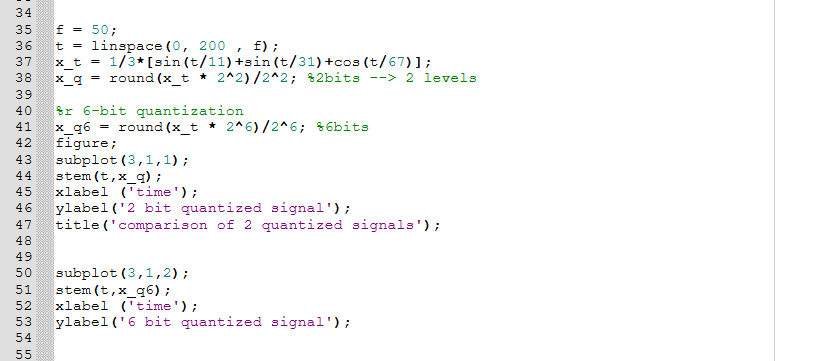
A graph with blue circles

Description automatically generated

Question 01.e:

**Answer:**

***Octave code:***

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***Figures***

A diagram of a diagram

Description automatically generated with medium confidence