Assignment 4

Instructions:

1. It is a social norm that the responsibility for work is divided among team members. A team member can be responsible for:

   a. Planning and organizing meetings
   b. Monitoring progress
   c. Writing reports
   d. Preparing presentations
   e. Managing resources

2. The following are the responsibilities assigned to team members for a project:

   a. Plan and organize meetings
   b. Monitor progress
   c. Write reports
   d. Prepare presentations
   e. Manage resources

3. Add the following equation to your document:

\[ \sum_{i=1}^{n} x_i = \frac{1}{n} \sum_{i=1}^{n} x_i \]

4. Open the assigned recipe.

   a. For the crust:
   b. For the filling:
   c. For the sauce:

5. Clear the memory and save:

   a. Delete the current file
   b. Save the current version
   c. Backup the current file

6. The input values of both functions are 0.99 and 0.99. The output values are 0.99 and 0.99. These values are expected.

7. The table of values for the data is as follows:

<table>
<thead>
<tr>
<th>x</th>
<th>y</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
</tr>
</tbody>
</table>

8. The following statement is true or false?

   a. 2 + 2 = 4
   b. 2 * 2 = 5

9. The equation for the line of best fit is:

\[ y = mx + b \]

10. The main idea of the paragraph is:

   a. The process of converting data into useful information
   b. The importance of data analysis in decision-making
   c. The role of technology in data collection

11. The solution to the linear equation is:

   \[ 3x + 2y = 10 \]

12. The vibration of a spring is:

   \[ x(t) = A \cos(\omega t + \phi) \]

13. The equation for the hyperbola is:

\[ \frac{x^2}{a^2} - \frac{y^2}{b^2} = 1 \]

14. The statement about the normal distribution is:

   a. The mean is 0 and the standard deviation is 1
   b. The mean is 1 and the standard deviation is 0
   c. The mean is 1 and the standard deviation is 1

15. The expression for the area of a circle is:

\[ A = \pi r^2 \]

16. The volume of a sphere is:

\[ V = \frac{4}{3} \pi r^3 \]

17. The formula for the surface area of a cube is:

\[ A = 6s^2 \]

18. The expression for the derivative of a function is:

\[ \frac{dy}{dx} \]

19. The definition of velocity is:

\[ \text{Velocity} = \frac{\text{Displacement}}{\text{Time}} \]

20. The equation for the area of a circle is:

\[ A = \pi r^2 \]