Activity: *Writing a Short Technical Report on a Computer Science Topic*

1. Choose a Simple Topic:

- Select one of the following **computer science topics**:
    - **What is Artificial Intelligence?**
    - **What is Cloud Computing?**
    - **What is Blockchain Technology?**
    - **What is Cybersecurity?**
    - **What is Augmented Reality (AR)?**
    - **What is 5G Technology?**
    - **What is Machine Learning?**

2. Research the Topic:

- Look for **simple explanations** from reliable sources such as articles or videos. Write down **important definitions** or **examples**.

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3. Write the Technical Report:
Follow this structure to write your report (aim for **1-2 pages**):

Title
- Write a clear title reflecting the topic (e.g., "What is Blockchain Technology?").

Introduction (1 paragraph)
- Briefly explain the topic and why it's important (e.g., "Blockchain is a technology that securely stores data in a decentralized way. It is important because it forms the foundation of cryptocurrencies like Bitcoin.").

Main Body (2-3 short paragraphs)
- **Definition and Explanation:** Define the topic and explain it in simple terms.
- **Real-World Applications:** Provide 1-2 examples of how the technology is used today (e.g., AI is used in virtual assistants like Siri and Alexa).

Conclusion (1 paragraph)
1. Summarize the key points from the report. What is the main takeaway from the topic?

References
1. List **2-3 sources** you used for your research (e.g., websites, articles). Use a simple citation style (e.g., APA or just the website name and date).

Rubric

Criteria	Excellent (4)	Good (3)	Satisfactory (2)	Needs Improvement (1)
Title and Introduction	Clear, concise, and well-defined title. The introduction provides a strong background and relevance of the topic.	Clear title. Introduction provides some background but lacks strong relevance.	Title is present but unclear or generic. Introduction provides limited background.	No clear title or introduction. The introduction is missing or irrelevant.
Main Body (Explanation & Applications)	Explanation of the topic is thorough, easy to understand, and well-organized. 2-3 real-world applications are discussed with clear examples.	Explanation is mostly clear and organized, with at least 1-2 applications/examples.	Explanation is somewhat unclear or lacks organization. Only 1 application/example is mentioned.	Explanation is unclear or disorganized. No real-world examples or applications.
Conclusion	Strong summary of the main points and a clear takeaway from the report.	Good summary but could be more concise or clear.	The summary is somewhat vague or lacks a strong takeaway.	No clear conclusion or summary of the report.
Clarity and Writing	Writing is clear, concise, and free of errors. The report is easy to read and understand.	Writing is mostly clear, with minimal errors. The report is easy to read.	Writing is unclear or contains frequent errors, making it somewhat difficult to follow.	Writing is unclear or contains numerous errors, making it difficult to understand.
References	At least 2-3 reliable sources cited properly (APA/IEEE or simple citation style).	At least 2 sources cited, but some may be unreliable or incorrectly formatted.	1 source is cited, or sources are not reliable or improperly formatted.	No sources cited or citations are missing.
Overall Structure	The report follows the correct structure: Title, Introduction, Main Body, Conclusion, and References.	The report follows most of the structure but may have minor formatting or structural issues.	The report is missing sections or has a poor structure.	The report is incomplete or does not follow the required structure.