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First and foremost, we extend our sincere gratitude to the authors who have contributed their insightful research articles to this fourth edition. Your commitment to advancing computer knowledge and algorithms is truly commendable.

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Last but not least, we would like to thank our readers and the broader academic community for their interest in JACKA. Your support is crucial in establishing JACKA as a reputable platform for disseminating cutting-edge research in the field of computer knowledge and algorithms.

We are excited about the journey ahead and look forward to continuing to serve as a valuable resource for researchers and practitioners alike. Thank you for being a part of the JACKA community.

Sincerely,

[Sujacka Retno, S.T., M.Kom]

Editor-in-Chief

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