

Data encryption using RSA algorithm

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Abstract: In the context of increasingly complex information security, data encryption using the RSA algorithm has become an important solution for protecting personal information and online transactions. This project aims to build a data encryption system using the RSA algorithm, while verifying its performance through practical experiments. Through theoretical research combined with experimentation, the project expects to provide a robust security tool for many practical applications and contribute to the scientific and technical development of data encryption.

Keywords: Data encryption, RSA algorithm, Information security, Experimental testing, Information security