

**Assignment No: 3****Assignment Title:** S-AES algorithm

**Aim:** Write a program using JAVA or Python or C++ to implement S-AES symmetric key algorithm.

**Objectives:** To understand the concepts of block cipher and symmetric key cryptographic system.

**Theory:**

- Explain Simplified Advanced Encryption Standard (S-AES) algorithm.

**Programming Language used:** C++/Java/Python

**Conclusion:****FAQs:**

1. Differentiate between DES and AES.
2. What are the different advantages and Limitations of AES?