

**Assignment No: 5**

**Assignment Title:** Message Integrity

**Aim:** Write a program using JAVA or Python or C++ to implement integrity of message using MD5 or SHA

**Objectives:** To use of hashing algorithm to check message integrity

**Theory:**

Explain MD5 or SHA

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

**Conclusion:**

**FAQs:**

1. What is MAC? What is the difference between MAC and message digest.
2. Compare MD5 and SHA-1.
3. Compare various versions of SHA.