**Assignment Questions: CSPC63 Principles of Cryptography**

**Assignment II**

1. Write a C/C++/JAVA program to implement linear cryptanalysis of a Substitution- Permutation network.
2. Write a C/C++/JAVA program to implement differential cryptanalysis of a Substitution- Permutation network

**Assignment III**

1. Write a C/C++/JAVA program to develop an RSA-encrypted Web application
2. Write a C/C++/JAVA program to implement Elgamal encryption without any pre-existing number theory modules or libraries.
3. Write a C/C++/JAVA program to show how to hide Elgamal encrypted text in images.