

Question Number 6

- Use your implementation of Sypher004 in that you did in one of the earlier assignments.
- Implement its decryption.
- Now implement CBC and CFB modes of operation shown in class with the encryption and decryption of Sypher004.
- For CFB use t = 4.
- Assume that your test message is a multiple of 16-bits.
- Now simulate error in transmission by flipping some bits in one of the cipher-text blocks.
- Show the error propagation in the decrypted message by comparing it with original message.

Solution.

a) All code are implemented in code directory.

b) Output