American International University- Bangladesh

Course Name: Data Communication Laboratory

Experiment No: 06

Experiment title: Study of Amplitude Modulator and Demodulator using Simulink
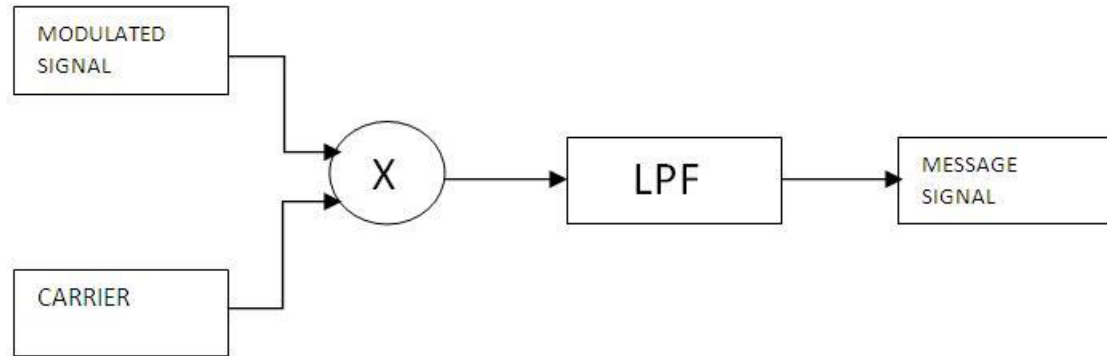
Section: D

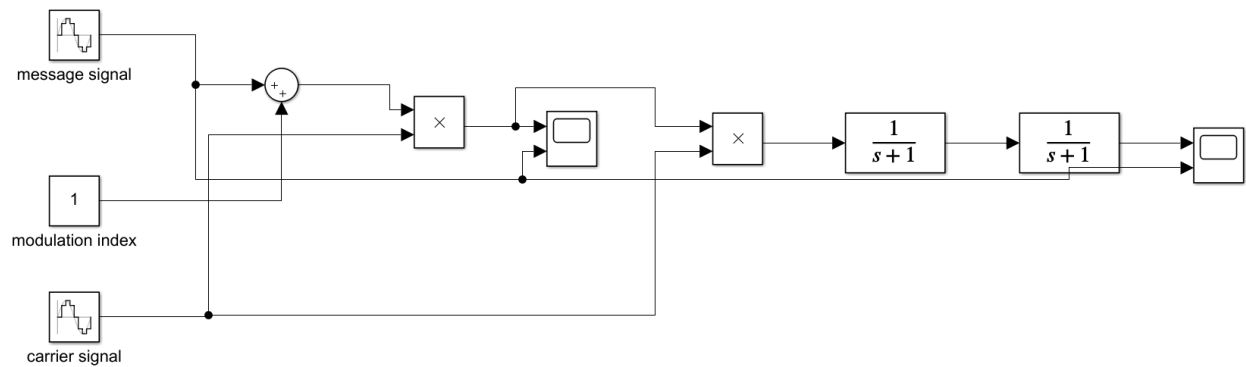Semester: Summer 23-24

Name: Tutul Majumder

ID:23-51364-1

Performance Task:

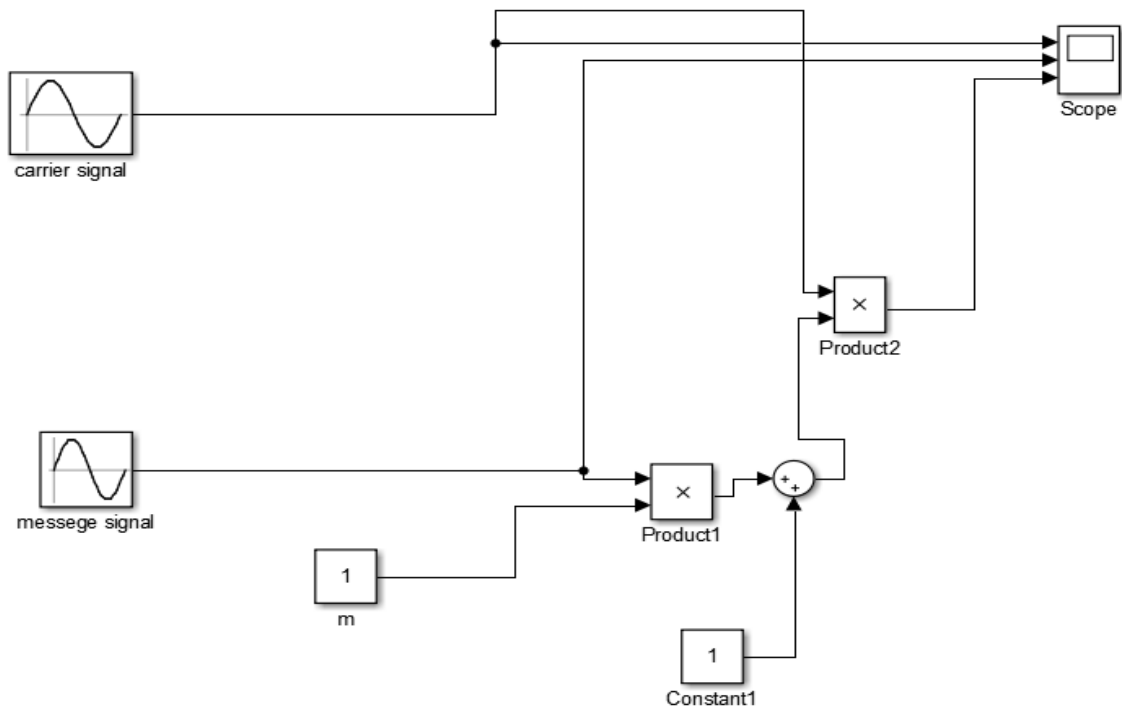1. Perform demodulation according to the following diagram (general)

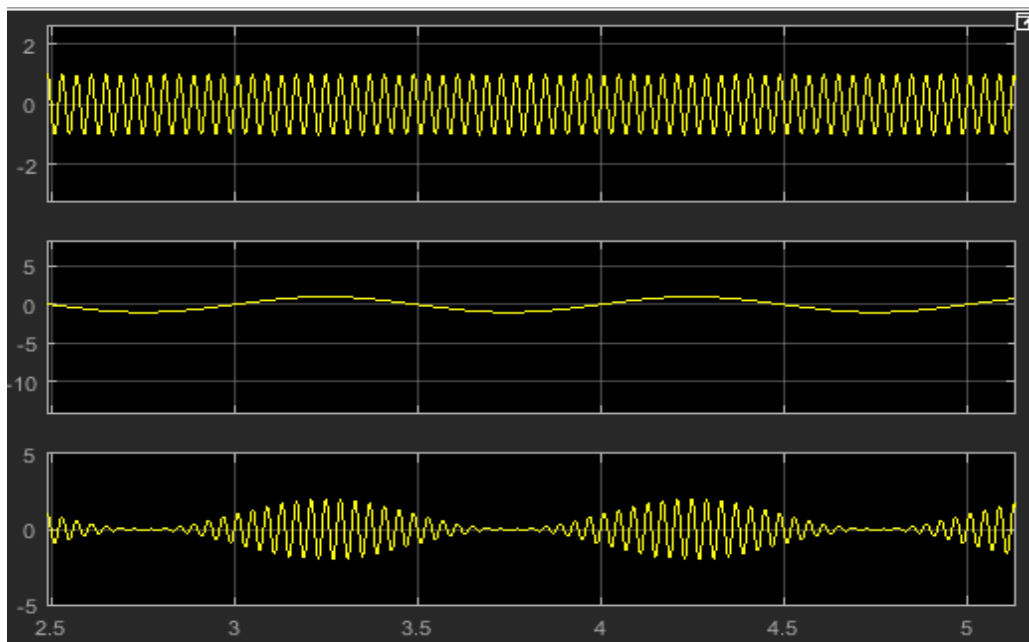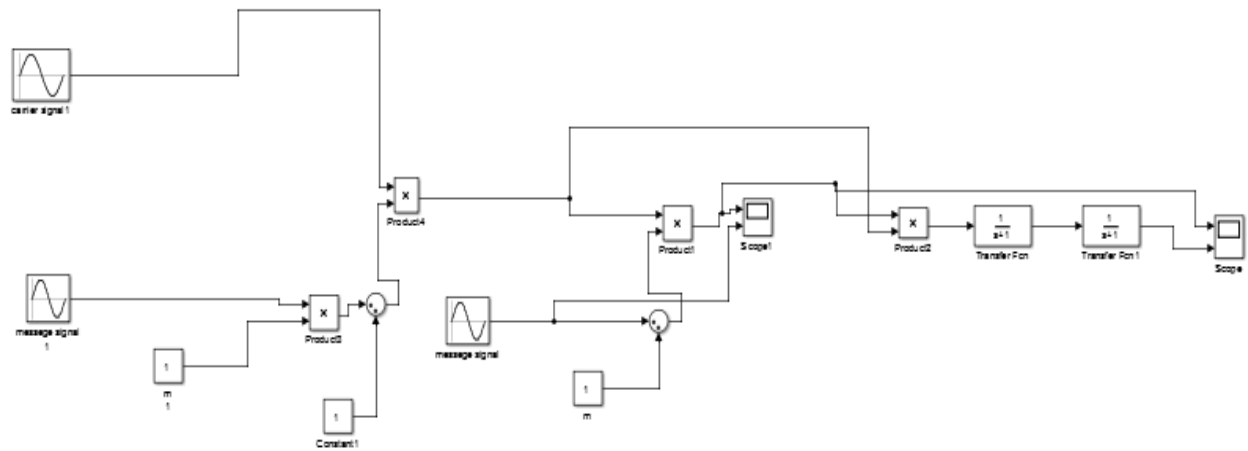Implement the following demodulation in Simulink to retrieve the original signal:

Answer:

AM Modulation:

Output:

AM Demodulation:

Output: