



American International University- Bangladesh
Department of Computer Science

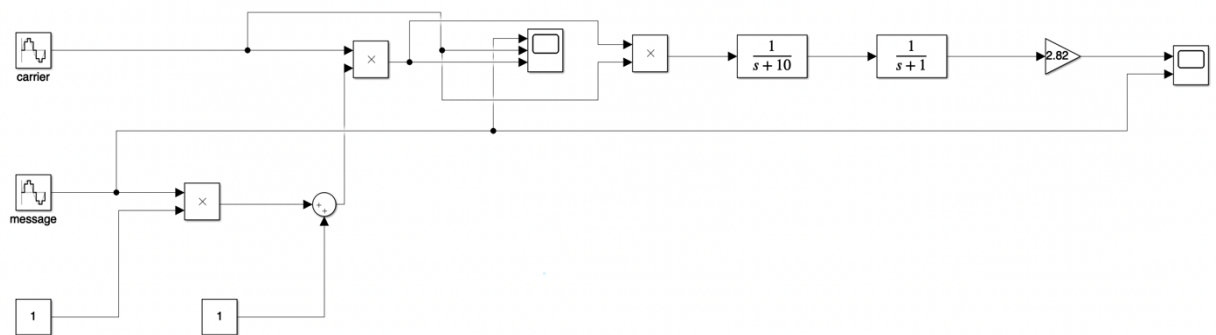
Lab Report Cover Sheet

Course Name	Data Communication
Lab Report No.	6
Lecturer Name	Md. Navid Bin Anwar
Semester	Fall 2020-21
Submission Date	29/11/2020
Section	B
Group No.	10

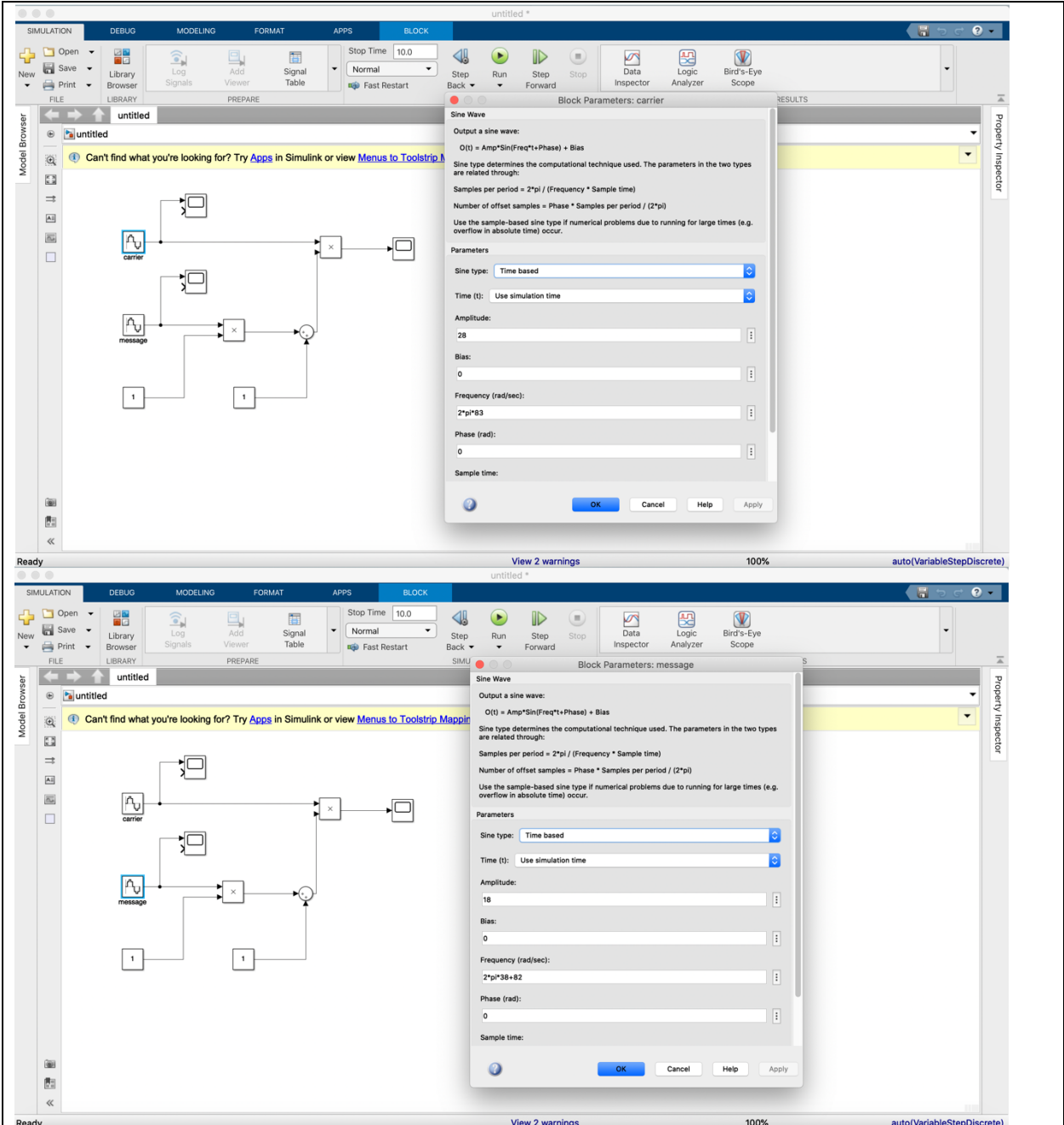
Student Name	Student ID	Contribution (out of 100%)
1. CHAITI, NUSRAT ALAM	18-37417-1	20%
2. AHAMED, TANVIR	18-37519-1	20%
3. KABID, KAIF AL	18-38144-2	20%
4. MAHTAB, FAHIM	18-38626-2	20%
5. HOSSAIN, MD. SIBBIR	18-38828-3	20%
Lecturer Remarks (Only for teacher)		

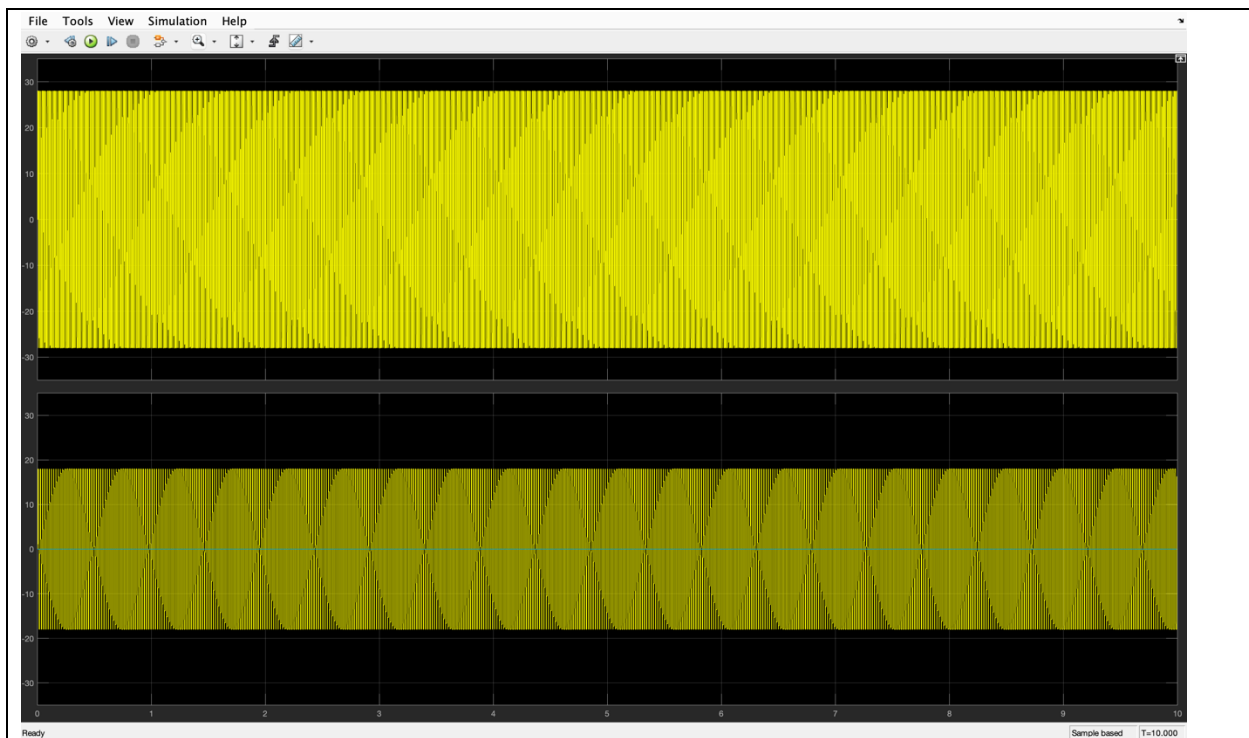
AB=18 CD=38 EF=82 GH=83 FG=28

$$s = 28 \cdot \sin(2 \cdot \pi \cdot 83 \cdot t)$$



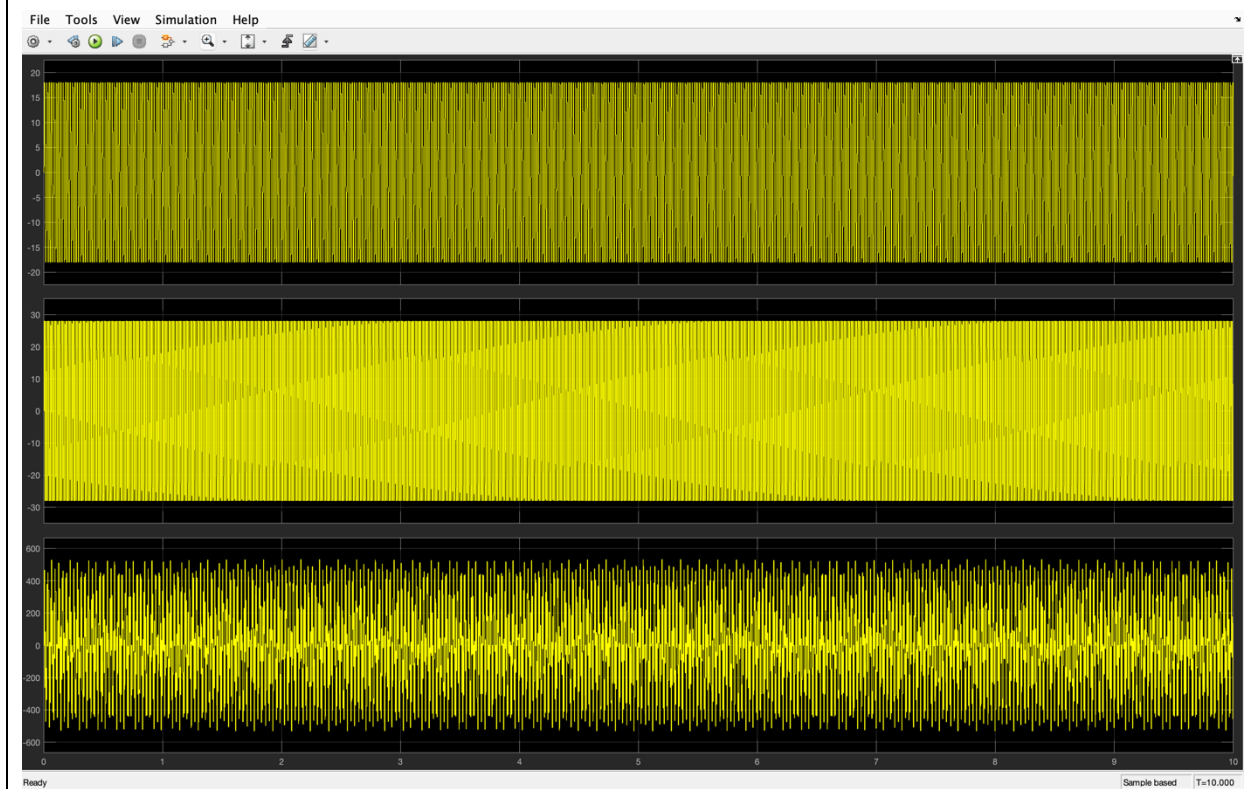
In the signal graph the first one is the carrier signal and the second one is the message signal.





(4)

Modulation: message signal, carrier signal and modulated signal



Demodulation and main signal:

