**AMERICAN INTERNATIONALA close up of a sign

Description automatically generated**

**UNIVERSITY-BANGLADESH**

Choose an item.

**Lab Report**

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| Assignment Title: | Lab Report | | | |
| Assignment No: | 7 | | Date of Submission: | 30 March 2021 |
| Course Title: | Data Communication | | | |
| Course Code: | 00068 | | Section: | J |
| Semester: | Spring | 2020-21 | Course Teacher: | Md Mehedi Hasan |

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| 1 | Md.Yousuf Afendi | 19-39887-1 | | BSc [CSE] | |  | |
| ***Faculty use only*** | | | | | | |
| FACULTYCOMMENTS | | | **Marks Obtained** | |  | |
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|  | | | **Total Marks** | |  | |
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Id:19-39887-1

a)

function dn = asc2bn(txt) %This MATLAB File name must be

same as function name

dec=double(txt))

p2=2.^(0:-1:-7)

B=mod(floor(p2'\*dec),2)

dn=reshape(B,1,numel(B));

end

b)

%Id:19-39887-1

%XXXXXXXXXXXX 19-39887-1 XXXXXXXXXXXX %

A1=11; % Amplitude of carrier signal AH=11

f=1939; % carrier frequency ABCD=1939

bp=1/f;t=0:bp/100:20\*bp;

y=A1\*cos(2\*pi\*f\*t);

%subplot(4,1,2);

plot(t,y);grid on;

xlabel('time(sec)');

ylabel('amplitude(volt)');

title('Carrier Signal');