YOUVA CH = Sin (27/t) message signal is informa an may of bits (100), where 1 is After mapping this in the information bit is converted to a square were with amplitude +1 and-1 for modulation, this square pulse is multiplied with Carrier Signal. Wherever the amplitude of Square Signal charges from +1 to -1, there is a phase chance cop Tr in the modulate Signal they change of Th Then when this modulated signe is played through charmed some noise is added through it . Function
'awgn' in matlab is used for additive White gaussian noise. After this we a noisy signal.

The demodulation of this noisy signal cervier signal. But the demodulated menage signed it also noisy Centains noise So to find out whether the information bit was 1000 the demodulated signal is decoded To draw wine for BER VS SNR and to compare it with theoretical Value i have pelowed the following Styre. generate a random signal s. E (1,0) 2) generate AWGN received signal (y) = S+N check whether the neceived signal is in left side or night side. (5) I there is an enor is werent the enor Now umany to compare it with
theoretical value which v 1 1 56 plot it on serving plot