

```
//example 4.4(a)//  
//The input loading factor (HIGH state) in TTL//  
clc  
//clears the variables//  
clear  
//clears the screen//  
a=20  
//I(ih) in micro A//  
b=.1  
//I(il) in mA//  
c=.4  
//I(oh) in mA//  
d=4  
//I(OL) in mA//  
e=1.6  
//UL (low state) in mA//  
f=40  
//UL (high state) in micro Amp//  
s=a/f;  
disp(s, 'The input loading factor (HIGH state) = ')
```