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**Mawlana Bhashani Science & Technology University**

**Lab Report No : 02**

**Course Code : ICT-3106**

**Course Title : Microprocessor and Assembly Language Lab**

**Submitted by Submitted to**

**Name : Maskur Al Shal Sabil S.M. Shamim**

**Id: IT18021 Lecturer**

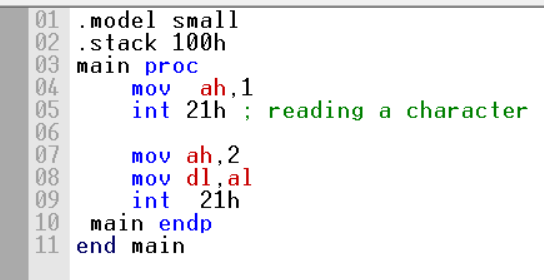
**3rd year 1st semester Dept of ICT,**

**Session : 2017-2018 MBSTU**

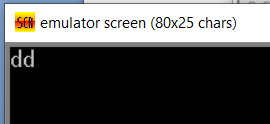
**Dept of ICT**

**MBSTU**

1(a) Read a character and display it at the next position on the same line

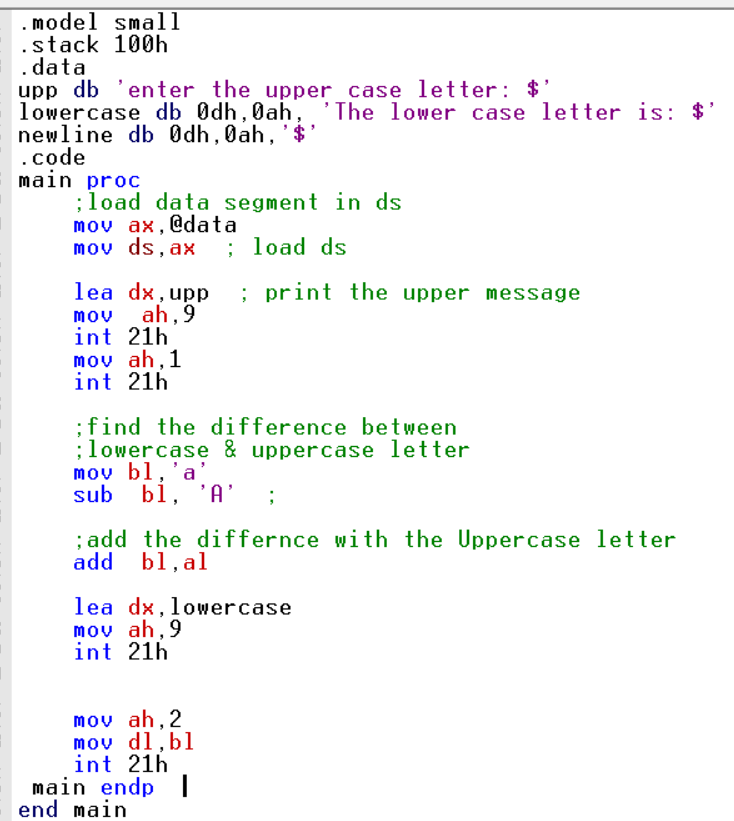


Output :

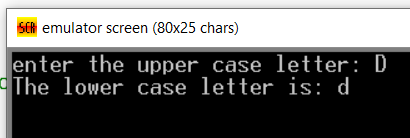


1(b) b. Read an uppercase letter and display it at the next position on the same line in lower

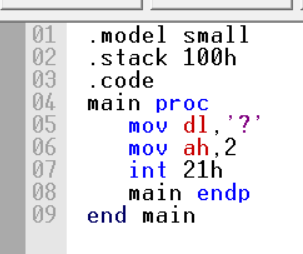
Case



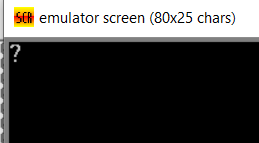
Output:



2(a) . display a “?”



Output:

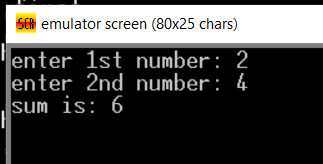


2(b) read two decimal digits whose sum is less than 10

c. display them and their sum in the next line with an appropriate message.

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**Output:**

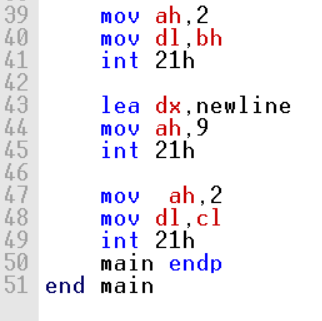
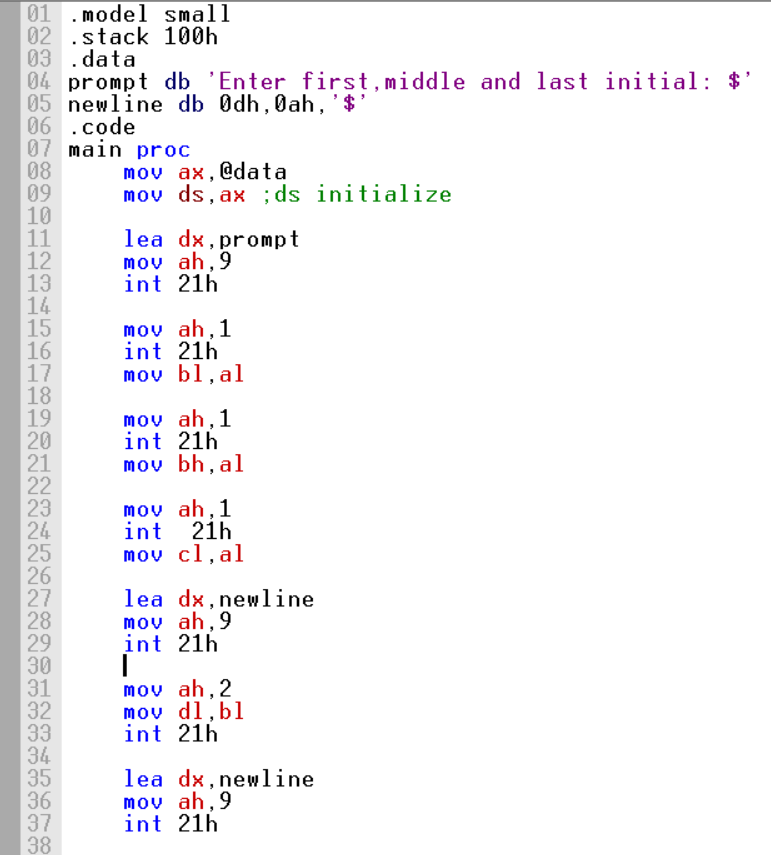
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**3. write a program to**

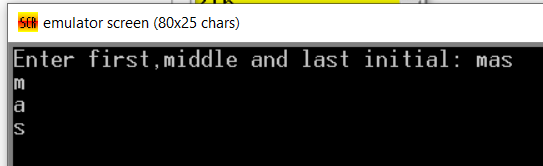
**a. prompt the user**

**b. Read first middle and last initials of a person’s name**

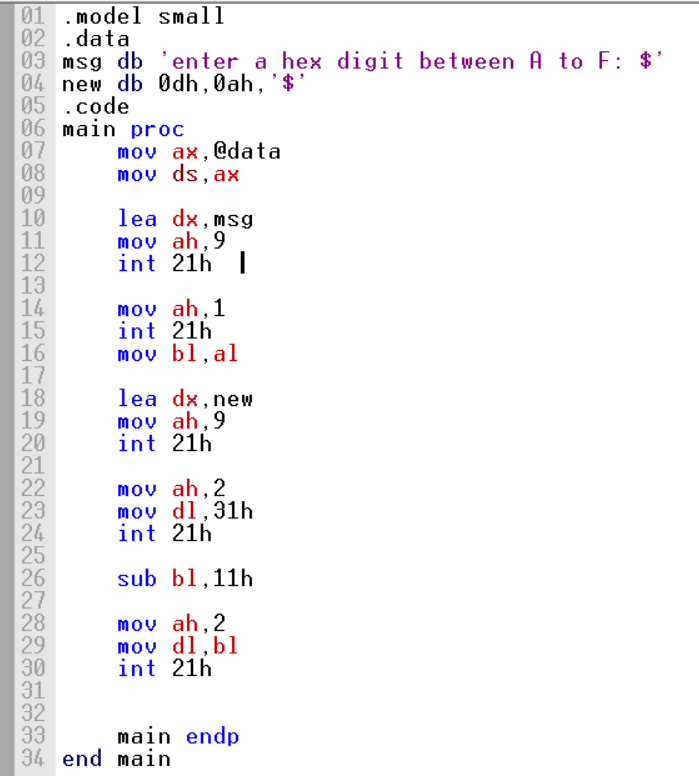
**c. And display them down the left margin**

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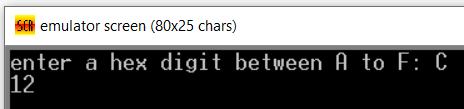
**Output:**

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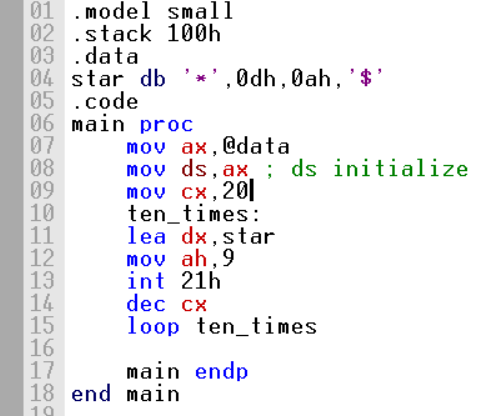
**4. Write an assembly program to enter one of the hex digits A-F, and display it on the next line in decimal.**

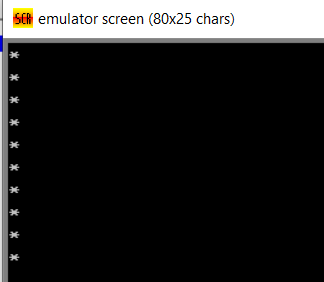
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**Output:**

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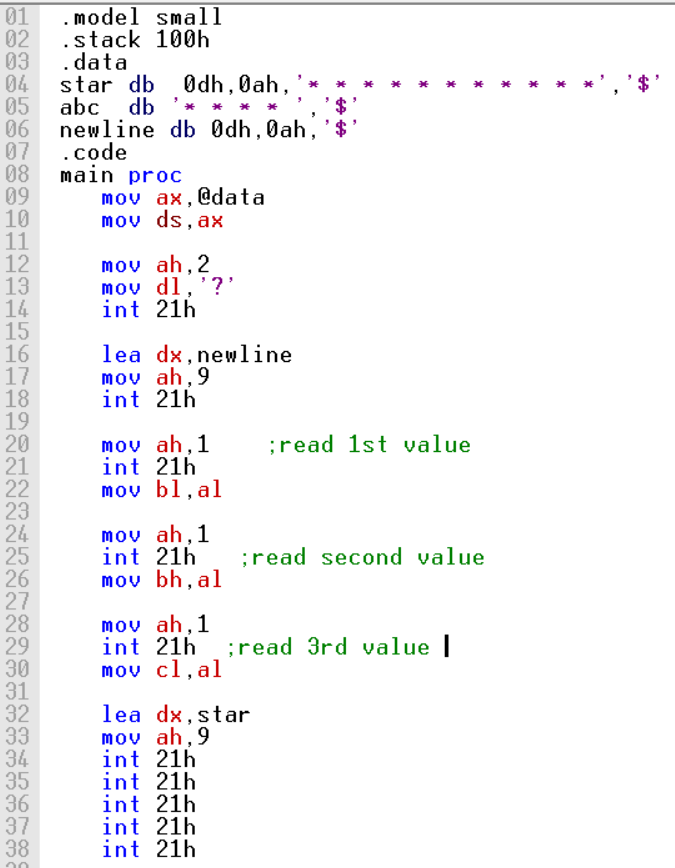
**5. Write an assembly program to display asterisks (\*\*\*\*\*\*\*\*\*\*\*) ten times with new line.**

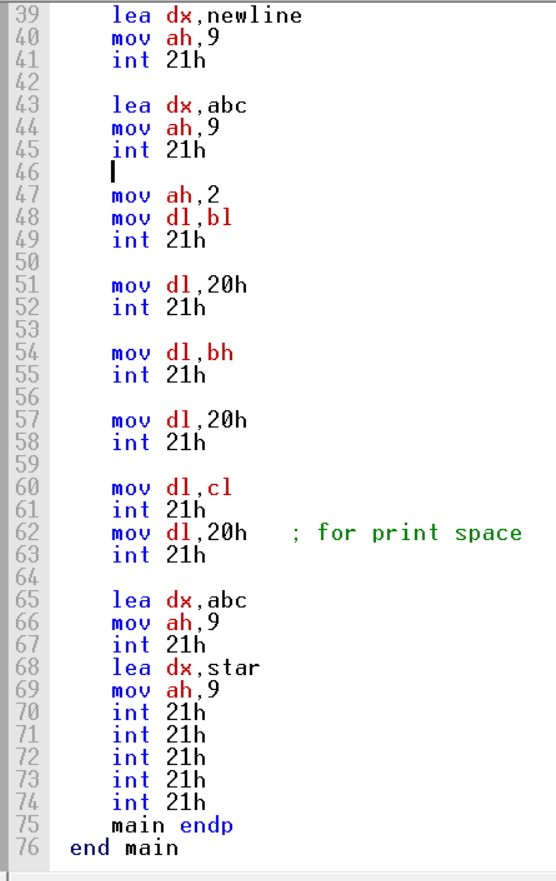
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**6. Write an assembly program to display to (a) display"?", (b) read three initials,(a,b,c) display them in the middle of an 11 x 11 box of asterisk**

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**Output:**

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