Computer Organization and Architecture
Lab Task – 1 (Chapter-04)
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1. **Write a program to display "?" (Question mark), read two decimal digits whose sum is less than 10 and display the digits and their sum on the next line with an appropriate message**

   Sample execution:
   ? 25
   The sum of 2 and 5 is 7

2. **Write a program to prompt the user to put the initials of name, read first middle and last initials and display them down the left margin**

   Sample execution:
   Enter Three Initials: JFK
   J
   F
   K

3. **Write a program to read one of the hex digits A-F, and display it on next line in decimal.**

   Sample execution:
   Enter a HEX digit: A
   The Decimal value of A is: 10

4. **Write a program to display a 10 x 10 solid box of hashes (#). [Hint: declare a string using array and display it using int 21h function 9h].**

   Sample Execution:
   ```
   ##########
   ##########
   ##########
   ##########
   ##########
   ##########
   ##########
   ##########
   ##########
   ```

5. **Write a program to display "?" read three initials and display them in the middle of an 7 x 7 box of hashes (#) and beep the computer.**

   Sample Execution:
   Enter Three Initials: JFK
   ```
   #######
   #######
   #######
   ##JFK##
   #######
   #######
   #######
   ```