1. **ALP to sum numbers from 1 to 10 and display the result on screen.**

**Program Description:**

* Initializing memory model of small which uses maximum 64kb of memory for code and initializing data , stack, code segments.
* Declaring a variable of string to display the proper message.
* Moving 00 to cx to start the summation from 1 and moving 0a to bx to end the summation at 10.
* Adding cx, bx and storing the result in cx.
* Decrementing bx and repeating the same until bx=0.
* Result is stored in the bx register.
* Printing the proper message by using interrupt (mov ah,09h;int 21h).
* Converting the result from asci to hexadecimal format by pushing the value of bx to stack and converting the higher nibble to hexadecimal and printing the higher nibble value.
* Restoring the values into bx and now converting the lower nibble to hexadecimal and printing it.

