**Program 2**

**Write a program to find the sum of first 10 integer numbers.**

**AREA ADDITION, CODE, READONLY**

**ENTRY**

**START**

**MOV R0 , #10**

**MOV R1 , #0**

**MOV R2, #1**

**NEXT ADD R1,R1,R2**

**ADD R2, #1**

**SUBS R0,#1**

**BNE NEXT**

**STOP**

**NOP**

**END**