

```
#include <stdio.h>

int main() {          // **** sixth.c
    int n, i, sum = 0 ;

    printf("Enter a non-negative integer:") ;
    scanf("%d", &n) ;
    for(i = 0; i <= n; ++i) sum += i ;
    printf("\nSum of (0 + ... + %d) = %d\n",
           n, sum ) ;

    return 0 ;
}
```