

```

/ Michael Beaver
/ CS 311 - Fall 2013
/
/ This program sums integers as the user inputs them. The running
/ Sum is printed to the output region after each summation. The
/ user may enter a zero to terminate the program. The final Sum is
/ printed to the output region upon program termination.
/
100 5000 | Start  ORG 100
101 8400 |      INPUT
102 9104 |      SKIPCOND 400 /Goto end if input is zero
103 9108 |      JUMP Here
104 310B | Here   ADD Sum
105 210B |      STORE Sum
106 6000 |      OUTPUT
107 9100 |      JUMP Start
108 110B | End    LOAD Sum
109 6000 |      OUTPUT /Output final sum
10A 7000 |      HALT
10B 0000 | Sum    DEC 0

```

Assembly successful.

SYMBOL TABLE

| Symbol | Defined | References |
|--------|---------|---------------|
| End | 108 | 103 |
| Here | 104 | 102 |
| Start | 100 | 107 |
| Sum | 10B | 104, 105, 108 |