1.

**START**

Write a program that will subtract two numbers and store the result in memory location 30.

STORE

SUBTRACT

LOAD

STORE

**END**

STORE

LOAD

Input

Input

Output

2.

**START**

STORE

ADD

LOAD

STORE

**END**

STORE

LOAD

Write a program that will add two numbers and store the result in memory location 25.

Input

Input

Output

3.

ADD

Output

**START**

LOAD

Output

Write a program that will count up to 10 and then stop.

ADD

Output

ADD

Output

ADD

Output

ADD

Output

ADD

Output

STORE

ADD

Output

**END**

ADD

Output

ADD

4.

**START**

Write a program that will allow the user to enter a number to count down to zero from and then stop.

Input

STORE

STORE

Output

ADD

LOAD

**END**

LOOP

Output

STORE

SUBTRACT

LOAD