wqiu@loki:~/CSCI2240/assign3$ ./virtual\_computer.exe < prog1

Executing VM...

3

12

34

23

0069

REGISTERS:

accumulator +0000

instructionCounter 24

instructionRegister 9999

operationCode 99

operand 99

MEMORY:

0 1 2 3 4 5 6 7 8 9

0 +1099 +2099 +4217 +4117 +1097 +3125 +2199 +4221 +1098 +2097

10 +3098 +2197 +2099 +3125 +2199 +4221 +4008 +1127 +1220 +9999

20 +1000 +1197 +1224 +9999 +1000 +0001 +0000 +0000 +0000 +0000

30 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

40 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

50 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

60 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

70 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

80 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

90 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0069 +0023 +0000

wqiu@loki:~/CSCI2240/assign3$ ./virtual\_computer.exe <prog2

Executing VM...

12

34

56

42

-1

0036

REGISTERS:

accumulator +0036

instructionCounter 16

instructionRegister 9999

operationCode 99

operand 99

MEMORY:

0 1 2 3 4 5 6 7 8 9

0 +1099 +2099 +4110 +2097 +3017 +2197 +2098 +3099 +2198 +4000

10 +2098 +3297 +2196 +1196 +1216 +9999 +1000 +0001 +0000 +0000

20 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

30 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

40 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

50 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

60 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

70 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

80 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

90 +0000 +0000 +0000 +0000 +0000 +0000 +0036 +0004 +0144 +-001

wqiu@loki:~/CSCI2240/assign3$ ./virtual\_computer.exe <prog3

Executing VM...

12

24

MULT

REGISTERS:

accumulator +0000

instructionCounter 09

instructionRegister 9999

operationCode 99

operand 99

MEMORY:

0 1 2 3 4 5 6 7 8 9

0 +1099 +1098 +2098 +3499 +4207 +1212 +9999 +1209 +9999 +7785

10 +7684 +1000 +7879 +8410 +0000 +0000 +0000 +0000 +0000 +0000

20 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

30 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

40 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

50 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

60 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

70 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

80 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

90 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0024 +0012

wqiu@loki:~/CSCI2240/assign3$ ./virtual\_computer.exe <prog3

Executing VM...

24

12

NOT

REGISTERS:

accumulator +0012

instructionCounter 07

instructionRegister 9999

operationCode 99

operand 99

MEMORY:

0 1 2 3 4 5 6 7 8 9

0 +1099 +1098 +2098 +3499 +4207 +1212 +9999 +1209 +9999 +7785

10 +7684 +1000 +7879 +8410 +0000 +0000 +0000 +0000 +0000 +0000

20 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

30 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

40 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

50 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

60 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

70 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

80 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000

90 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0000 +0012 +0024