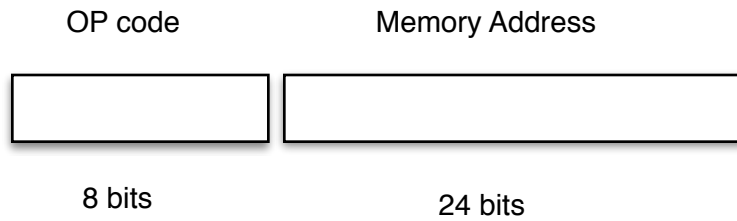


## Stack Machine:

-----  
Instruction:



Programs:

```
.text
    Push X      0x01200000
    Push X      0x01200000
    Mult        0x04000000
    Push A      0x01200001
    Mult        0x04000000
    Push B      0x01200002
    Push X      0x01200000
    Mult        0x04000000
    Push C      0x01200003
    Add         0x03000000
    Add         0x03000000
    Pop         0x02000000
    End         0x05000000

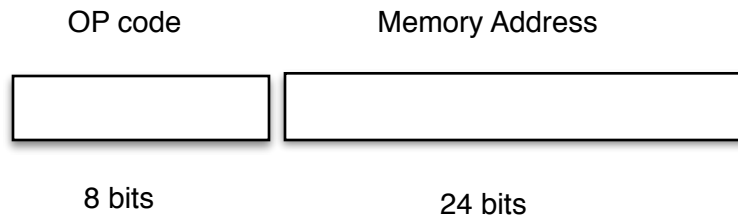
.data
    X:3         0x00200000:3
    A:7         0x00200001:7
    B:5         0x00200002:5
    C:4         0x00200003:4
```

Code Size: 68 bytes

Accumulator:

-----

Instruction:



Program:

```
.text
Load X      0x01200000
Mul  X      0x04200000
Mul  A      0x04200001
Sto   S1    0x02300000
Load B      0x01200002
Mul  X      0x04200000
Sto   S2    0x02300001
Load C      0x01200003
Add   S1    0x03300000
Add   S2    0x03300001
End      0x05000000

.data
X:3      0x00200000:3
A:7      0x00200001:7
B:5      0x00200002:5
C:4      0x00200003:4
```

Code Size: 60 Bytes

Code Size of MIPS program: 52 Bytes