

# Machine Code Practice

Fill in the table below with the letter of the machine code that matches the assembly language instruction.

	Machine Code	Matching Machine Code Letter	Assembly Language Instruction
A	01 C3		push %rbp
B	67 29 40 04		addl %ebx, %eax
C	67 01 18		addl %eax, %ebx
D	81 EB 90 00 00 00		addl %ebx, (%eax)
E	2D 90 00 00 00		addq 4(%rax), %rbx
F	67 03 58 04		push \$0x90
G	48 03 58 04		movl \$0x90, %ebx
H	E8 00 00 00 00		subl \$0x90, %eax
I	89 C3		movl \$0x90, %eax
J	4C 29 C0		subl %eax, 4(%eax)
K	BB 90 00 00 00		addl \$-0x90, %eax
L	01 D8		movl 4(%eax), %ebx
M	55		subl %ebx, (%eax)
N	53		subq %r8, %rax
O	68 90 00 00 00		subl \$0x90, %ebx
P	67 8B 58 04		movl %eax, %ebx
Q	67 29 18		addl 4(%eax), %ebx
R	B8 90 00 00 00		call printf
S	05 70 FF FF FF		push %rbx