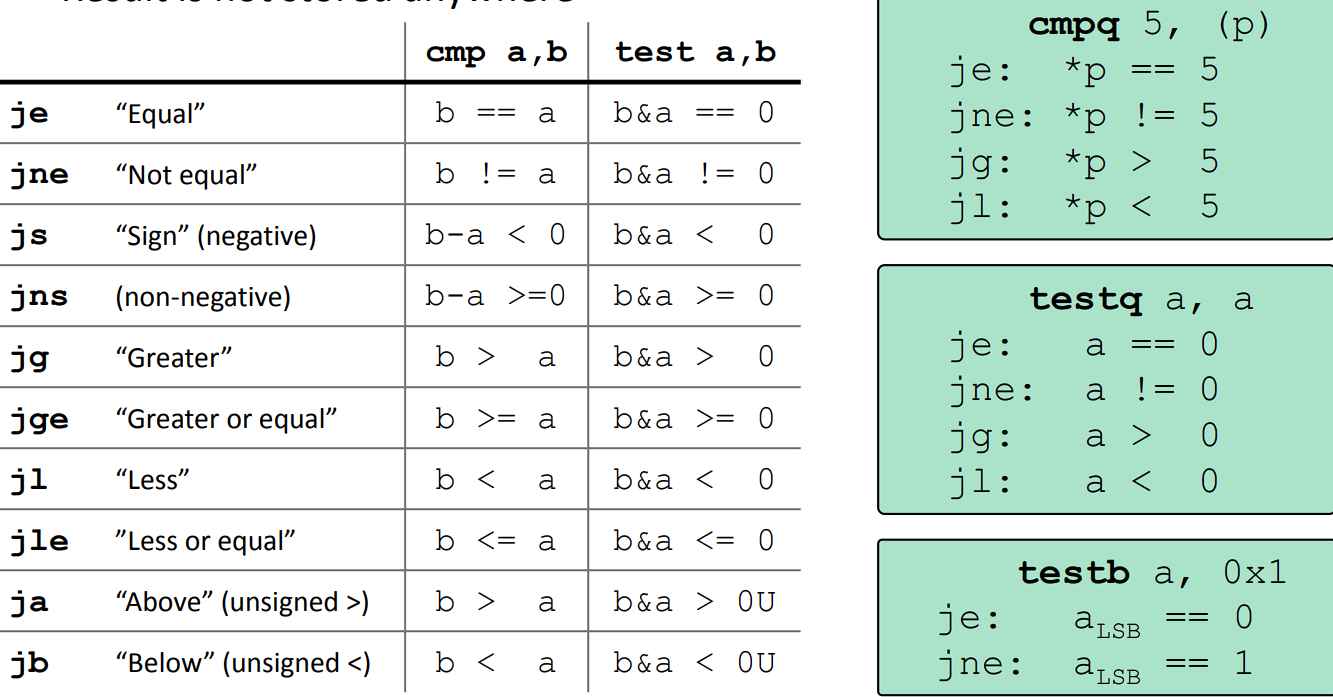


Table

Description automatically generated rbp: based pointer



#include <stdio.h>

long int simple\_l(long int \*xp, long int y)

{

long int t = \*xp + y;

\*xp = t;

return t;

}

int main()

{

long a = 10, b = 15;

long x = simple\_l (&a, b);

printf("%ld %ld %ld", x, a, b); //25 25 15

return 0;

}

32 bit: 8(%ebp) (xp) and 12(%ebp) (y). Return là %eax

Text

Description automatically generated with medium confidence

64-bit: %rsi, %rdi . %rax: return value

A picture containing shape

Description automatically generated