

In this question we can have multiple functions which can become global entry points.
But it depends upon the name of the function (label)
For the label start I am able to make a standalone program as well as
I am able to link it with C program.
For the label _start I am not able to link it with C program as the linker shows the error of
multiple definitions of main since _start is seen as main.

Working of assembly and c program

The arguments are loaded from the c program on the registers which are then retrieved by the
function in the assembly program. The function checkGreater then compares the arguments
and displays "1" or "0" using syscall depending upon if $x > y$ or not.