build/X86/gem5.opt configs/example/se.py -c helloC64 --cpu-type=TimingSimpleCPU

nasm -f elf64 Hello.s

ld -s -o hello64 Hello.o

* To assemble the program, type **nasm -f elf hello.asm**
* If there is any error, you will be prompted about that at this stage. Otherwise, an object file of your program named **hello.o** will be created.
* To link the object file and create an executable file named hello, type **ld -m elf\_i386 -s -o hello hello.o**
* Execute the program by typing **./hello**