Submit by Friday 20th February 11:59 pm.

Write a program to find the maximum of \( x^3 - 14x^2 + 56x - 64 \) in the range \(-2 \leq x \leq 8\), by stepping one by one through the range.

Please use gdb to show the final output. You can take a screenshot when you use GDB and submit the screen shot along with the assembly program.