CS 150 Lecture 1 Exercises

Complete each of the exercises below. Upload to Canvas before the deadline. For the screenshots, do NOT take a picture of the whole screen, just the section of interest.

Exercise 1 - Hello

Follow along with your instructor to create the **hello** application. Supply me with screenshots of each of the requested pictures below.

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| Create a translation unit by typing: g++ -E hello.cpp -o hello.ii  A screenshot of last 10 lines of hello.ii (a translation unit) |

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| Turn the translation unit into assembly: g++ -S hello.ii  A screenshot of 10 lines of hello.s (generated code from parser & code generator) |

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| Turn the assembly into object (machine) code: g++ -c hello.s  A screenshot of 10 lines of **hello.o** using **xxd hello.o** (object code) |

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| Turn the object code into executable code: g++ hello.o -o hello  A screenshot of 10 lines of **hello** using **xxd hello** (object code) |

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| Run the executable with: ./hello  A screenshot of your program running |

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| A screenshot of the source code for hello.cpp |