Assembly and Machine Language Homework 1

Create an assembly program that reads two numbers from the standard input, and prints the following, each in a new line
- Your student number
- The first number
- The second number
- 127 times the first number, minus 3 times the second number
- Your student number minus the first number plus the second number
- Your student number plus 14 times the first number minus 19 times the second number

- You can only use the commands you learned so far in the class. You cannot use mul or imul operations, or jump and loop assembly commands.
- You have to use the read_int and print_int function from the book for I/O.

- You can only use the following registers (EAX, EBX, ECX, EDX, ESI, EDI), and you cannot use the data segment.
- Very similar codes will not be graded.

Example: if your student number is 9500000, the first number entered is 2 and the second number is 1, then the output must be

9500000
2
1
251
9499999
9500009