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CSCI 211 Lab

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Assignment 1

The output I received was that there is no perfect square who’s last two digits are odd. As we discussed in class, the last digits always cycle starting at 01 and once it reaches the number 50, the last two digits are 00 and the cycle continues once again. When writing the program, the for-loop’s condition was hard to come up with because if I left the condition as “i > 0”, there would then be an overflow once the number was multiplied by itself. However, using the square root of the INT\_MAX would then cause “i” to never overflow. The reason why I used the <climits> library was because it is required to use INT\_MAX. When I use INT\_MAX without it, there is an error telling me which library to use.

Output:

