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example will run forever till the result overflows the registers because x will never bee exactly 1 0 because the representation of 0 1 is an approximation with an error'

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numerical methods and programming elements'

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are simple examples of how to implement these methods in python based on formulas given in the lecture note see lecture 7 on numerical differentiation above' '**numerical methods in physics with python by alex gezerlis** April 20th, 2020 - bringing together idiomatic python programming foundational numerical methods and physics applications this is an ideal standalone textbook for courses on putational physics all the frequently used numerical methods in physics are explained including foundational techniques and hidden gems on topics such as linear algebra differential''**newest numerical methods questions stack overflow** June 1st, 2020 - python physics

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