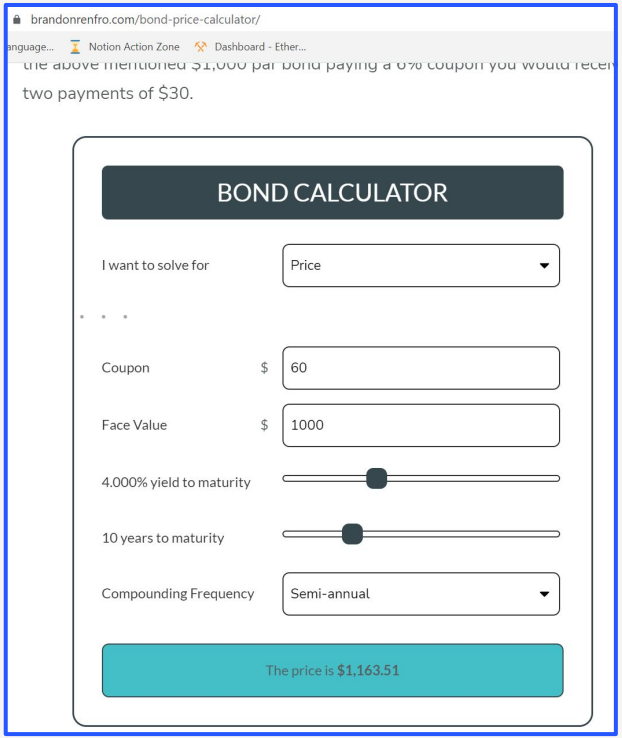
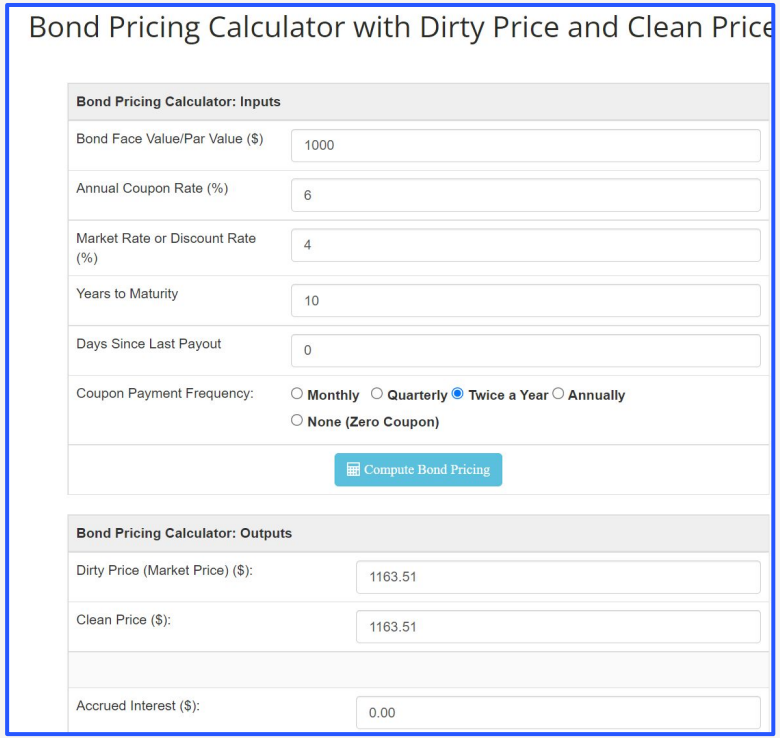
Assignment #2

1. Datetime – You can find the Spring equinox from https://www.timeanddate.com/calendar/spring-equinox.htm
    a. Print the Spring equinox by setting it to a variable.
    b. Print “Spring is coming” if the date 2022 Spring equinox is in the future (or “Spring has sprung” if it is in the past.)
    c. Print how many days it is until (or since) the 2022 Spring equinox.
2. Create a bond calculator based on its face value, coupon payment, coupon frequency, the current interest rate, and the years to maturity
    a. What’s the price of a bond with a face value of $1000, coupon payment of $30 twice a year, with 10 years to maturity, and a prevailing market rate of 4%?
    b. See Screenshots on next page

https://www.brandonrenfro.com/bond-price-calculator/

https://dqydj.com/bond-pricing-calculator/





Take-home Assignment #2 (optional)

The Python collections and itertools API libraries can do some interesting things. Can you use either library to calculate which combinations of two six-sided dice add up to 7?