Math555 Homework 1

Note: You may turn in your homework through paper work (first three weeks only) or through CoCalc. To submit the k-th homework, simply put your files in the folder `HWk` on CoCalc, and it will be collected on the due day.

1. You should have received an invitation email from CoCalc. Do the following:

   (a) Register an account with your **school email**. (Let me know if you prefer using a different email address.)

   (b) Open the project whose name contains **2018FMath555**.

   (c) Open `HW1 > name.txt`.

   (d) Enter your name in `name.txt` and click on **Save**.

   [This assignment can only be done electronically.]

2. Let $f(x) = (x)_3$. Expand $f(x)$ and write it in the form of

$$f(x) = ax^3 + bx^2 + cx + d.$$

Compute the value of $f(-2)$ and $f(3.5)$.