Print your name: Anup Bagali
Today's date: 10/31/19
Class period: 3
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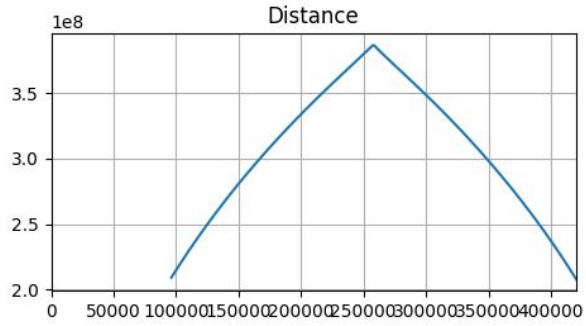
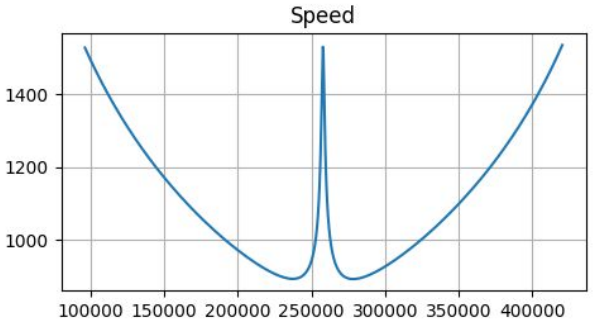
1. Earth and Moon in orbit.
2. Moon
   #define M 7.349e+22 // kg
   #define R 1.7374e+6 // m
   #define V 1023.157 // m/s
   double r = 3.844e8 ; // distance from Earth
3. Speed, okay to use uniform circular motion formula.
4. Mass does not matter until including spaceship too.
5. Radius to visualize and later if spaceship crashes.
6. Initialize x = r and vy = V, first quadrant.
7. Check it is correct.
8. Only then, add vehicle, must change loop code now.
9. Apollo
   t[0] = 96302.0   ; // 26 h, 45 m, 2 s
   r   = RE + 202751774.4 ;
   vmag = 1527.048   ;
10.
THETA = 26 degrees





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