**Description of the program:**

This program is uses to calculate velocity, acceleration and time in two different ways.

**Instructions:**

1. For the magnitude part of the program assign the value 0 to the variable this is to be calculated

for example: If you want to find time from initialvelocity, finalvelocity and acceleration the while

providing the values assign 0 to time.

2. To find the velocity, acceleration or position from an equation then before executing the program give the equation in the program code.

**Formula used:**

**Finding velocity and acceleration using position equation**

* The fundamental theorem of calculus is used here.
* The change in position is velocity (1st derivative), the change in velocity is acceleration (2nd dative of position and 1st derivative of velocity) and vice versa.
* The sympy is package is used to perform integration and differentiation.