

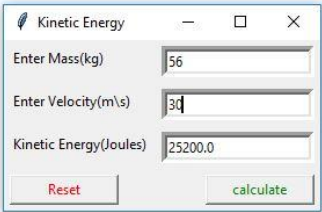
After Pressing Calculate Button:

Python 3.7.3 Shell

File Edit Shell Debug Options Window Help

Python 3.7.3 (v3.7.3:ef4ec6ed12, Mar 25 2019, 21:26:53) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:\Users\uniqu\AppData\Local\Programs\Python\Python37-32\hw\Task 1\hw-task1(KE).py
Task 1:
The kinetic energy of a moving object is given by the formula $KE = (1/2)mv^2$. Where m is object's mass and v is the velocity.
Write a program that reads the input values from the KB and display the KE of an object in Joules.

```
1 joules=1kg*m2/s2
```



The screenshot shows a Python 3.7.3 Shell window with the program code and a 'Kinetic Energy' dialog box. The dialog box has three input fields: 'Enter Mass(kg)' with the value 56, 'Enter Velocity(m/s)' with the value 30, and 'Kinetic Energy(Joules)' with the value 25200.0. There are two buttons at the bottom: 'Reset' and 'calculate'.

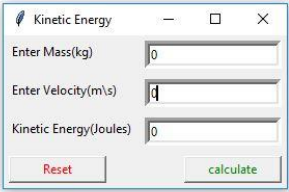
After Pressing Reset Button:

Python 3.7.3 Shell

File Edit Shell Debug Options Window Help

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The screenshot shows the same Python 3.7.3 Shell window, but the 'Kinetic Energy' dialog box now shows the values after pressing the 'Reset' button. The 'Enter Mass(kg)' field is empty, the 'Enter Velocity(m/s)' field contains the value 0, and the 'Kinetic Energy(Joules)' field contains the value 0. The 'Reset' and 'calculate' buttons are still present.