**Ethical Hacking**

**HW#1**

**( Due to 4-11-2020)**(Report)

|  |  |
| --- | --- |
| Name | Aycha yahia |
| ID | 1621221034 |

TABLE NAME:

Velocities table

2. ABSTRACT:

Velocities table shows the velocities magnitude for given time and distance and

d= [1, 1.5, 2, 2.5, 3, 3.5]

t= [1, 2, 3, 4, 5, 6, 7, 8, 9]

Where:

d: distance

t: time

**3. FUNCTIONS:**

* 1. **function velocity(t, d, f=2):**

This function calculates the velocity for given t and d and return the magnitude as string converted to a fixed-point notation with the indicated number of decimal places, 2 decimal places if not indicted.

* 1. **function doTable():**

This function shows the values of d array in the header of the table and time values in the beginning of each row and maps every velocity magnitude to its related ( d , t) values.