```
Python 3.11.5 (tags/v3.11.5:cce6ba9, Aug 24 2023, 14:38:34) [MSC v.1936 64 bit
(AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/Aravind Kaspe/Desktop/SLU-CS/Python-Lab/Lab 7.py
vector one: 3 , 1 , 2
vector two: 4 , 5 , 6

vector one magnitude: 3.7416573867739413
vector two magnitude: 8.774964387392123

The dot product of the two vectors: 29

vector one multiplied by 3: 9 , 3 , 6
vector two multiplied by 3: 12 , 15 , 18

vector sum: 21 , 18 , 24
```