MATH F111 Software-Based Assignment

Submitted to

Dr. TK Dutta

ID Number

2020A7PS0198U

Student Name

Ahmed Thahir

Question Number

14

Video Link

https://youtu.be/awAZT9kvG20

Table of Contents

Statement of the Problem	3
Application of the Problem	3
Variable Name	3
Screenshot of the code	3
Output	4
Figure outputs	4

Statement of the Problem

Find the direction of the position vector $r = (\pi t - \sin \pi t) i + (1 - \cos \pi t) j$ at a given time "t" and sketch it.

One Application of the Problem

- To predict direction of velocity of an object at different time intervals

Variable Name

r0198x r0198y

Screenshot of the code

Output

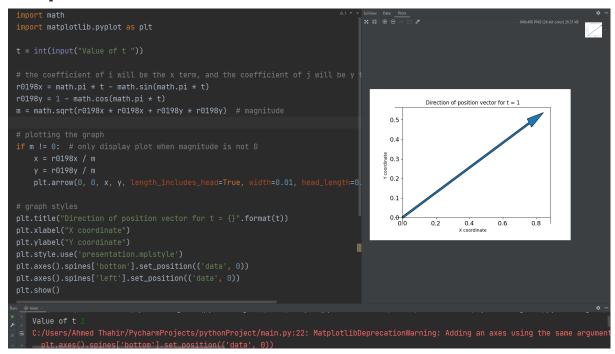


Figure outputs

