

MIT WORLD PEACE UNIVERSITY

Python Programming  
Second Year B. Tech, Semester 4

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ASSIGNMENT 1

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ASSIGNMENT NO. 1

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## **1 Aim**

## **2 Objectives**

## **3 Problem Statement**

## **4 Theory**

## **5 Platform**

**Operating System:** Arch Linux x86-64

**IDEs or Text Editors Used:** Visual Studio Code with Jupyter

**Interpreter:** python 3.10.8

## **6 Libraries Used with pip**

These are the requirements for the libraries needed for the program to run. Installed using pip on a virtual environment using virtualenv.

- numpy==1.21.4
- pandas==1.3.4

## **7 Pseudo Code or Algorithm**

## **8 Input**

1. The Choice for what to do
2. The Coefficients and Exponents of the Polynomials

## **9 Output**

1. The Resultant Polynomial Represented as a Circular Linked List
2. The Sum of the Given 2 Polynomials.
3. The Menu for what to do.

## **10 Code**

### **10.1 Program**

```
1 print("Welcome to Assignment 1")
```

### **10.2 Input and Output**

## **11 Conclusion**

## **12 FAQ**