

Project 1 - 2023

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The entire source code for the project can be found on the GitHub repository.

1 Example Script

The provided example script demonstrates some of the functionality of the pre-existing code. The first few lines initialize the project, and then there is an example of some basic polynomial arithmetic:

```
x = x_poly()
p1 = 2x^3 + 4x^2 - 3x
p2 = 2x^4 - 4x^2 - 3x + 3

@show p1*p2
@show p1^3
```

Output:

```
p1 * p2 = 4x + 8x - 14x - 22x + 6x3 + 21x2 - 9x
p1 ^ 3 = 8x + 48x + 60x - 80x - 90x + 108x - 27x3
```

2 Tests

3 Task 1