Machine Learning Career Track
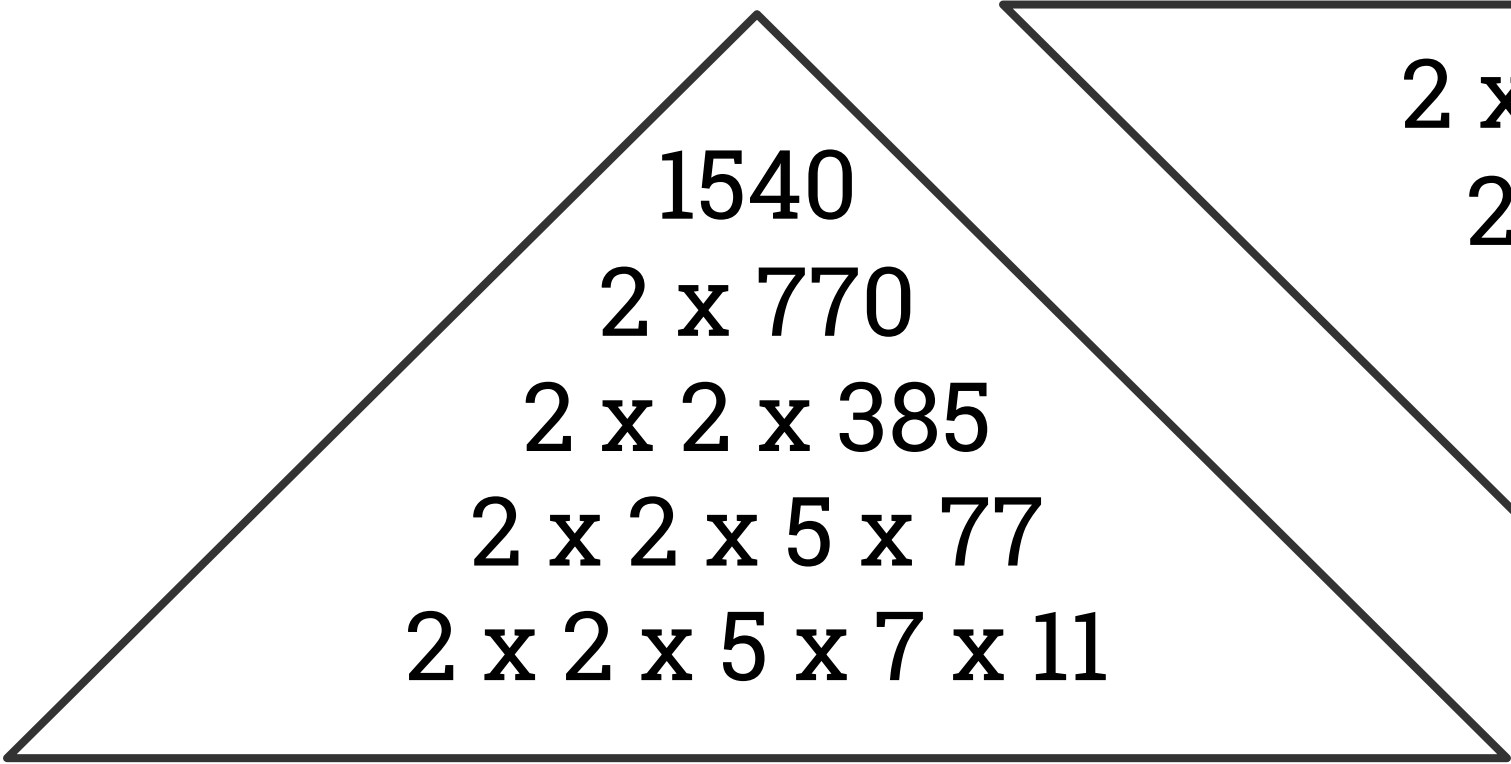
Python Intermediate
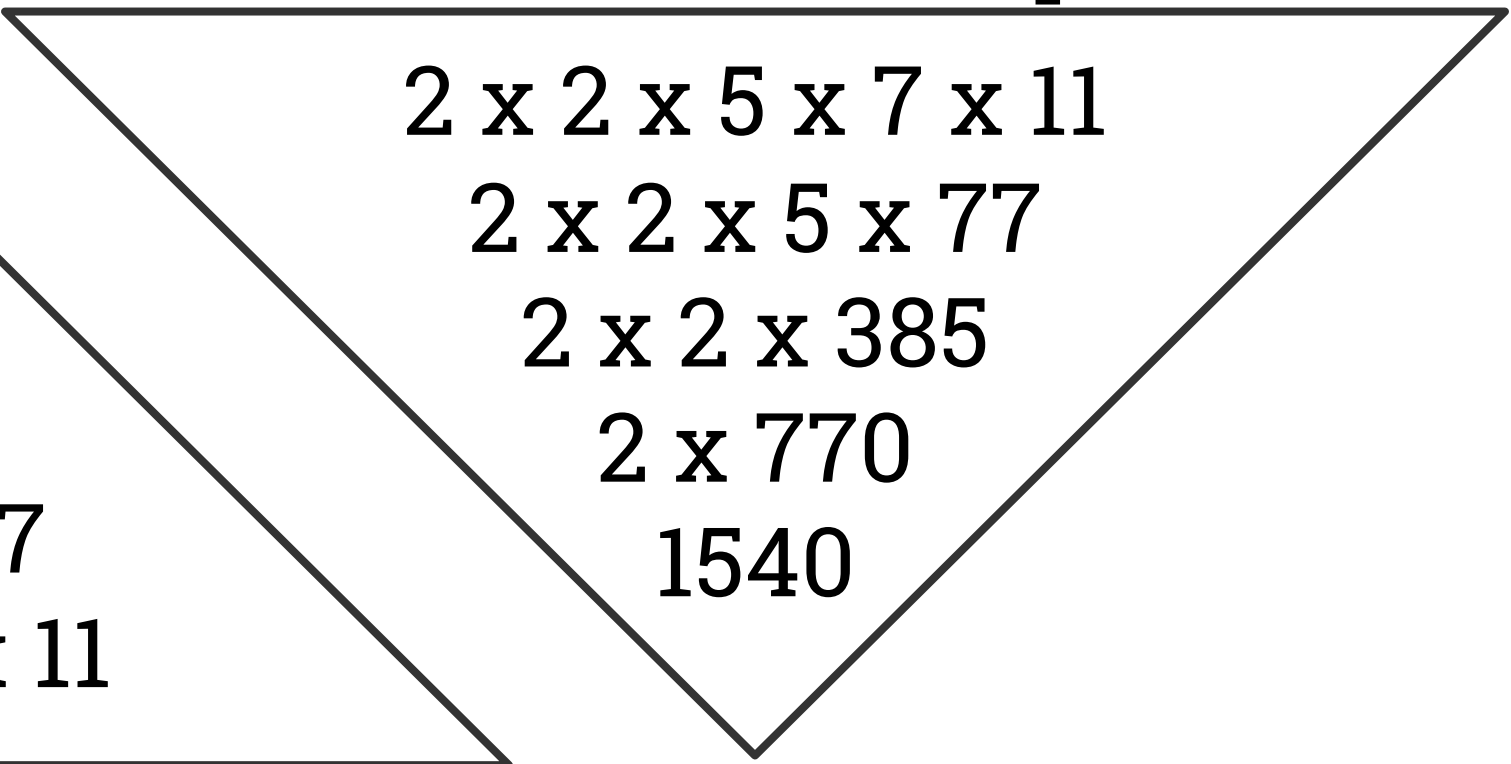
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CODE HEROKU

Top - Down

1540
2 x 770
2 x 2 x 385
2 x 2 x 5 x 77
2 x 2 x 5 x 7 x 11

Bottom - Up

2 x 2 x 5 x 7 x 11
2 x 2 x 5 x 77
2 x 2 x 385
2 x 770
1540

Exercise

Write a program that accepts a sentence and calculate the number of upper case letters and lower case letters.

Suppose the following input is supplied to the program: Hello world!
Then, the output should be:
UPPER CASE: 1
LOWER CASE: 9

Exercise

Define a function which can generate a list where the values are square of numbers between 1 and 20 (both included).

Exercise

Given a Python List [(2, 5), (1, 2), (4, 4), (2, 3), (2, 1)]

write a Python program that sorts the list based on first element of the Tuples

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Regular Expressions

Given a String = "June 24"
Separate out the Month and the Day

Object Oriented Programming

CSV File: https://drive.google.com/file/d/1U1Rwa-Zcz1x_XpXvKS_tmTuK2W2stTOi/view?usp=sharing

Reading, Writing and Appending

Exercise: File Operations

CSV File: https://drive.google.com/file/d/1U1Rwa-Zcz1x_XpXvKS_tmTuK2W2stTOi/view?usp=sharing

Reading, Writing and Appending

Questions?

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