

SIT384 Cyber security analytics

Pass Task 1.2P: Python data structure initialization and printing

Task description:

Create a list, a tuple, a set and a dict. Initialize them with the 12 months of a year (e.g. Jan, Feb, Mar; for dict, use key/value you preferred. E.g. "Jan":1, "Feb":2). Print the type and all items of the list, tuple, set and dict created.

(Sample output as shown in the following figure is for demonstration purposes only.)



```
<class 'list'>
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
<class 'tuple'>
Jan
Feb
Mar
Apr
..
```

The screenshot shows a Python terminal session. The first part shows a list of months from Jan to Dec, with the output starting with `<class 'list'>`. A red line points from the word **type** to `<class 'list'>`. The second part shows a tuple of months from Jan to Apr, with the output starting with `<class 'tuple'>`. A red line points from the word **type** to `<class 'tuple'>`. Another red line points from the word **items** to the first element 'Jan' of the tuple.

Submission:

Submit the following files to OnTrack:

1. Your program source code (e.g. task1-2.py)
2. A screen shot of your program running

Check the following things before submitting:

1. Add proper comments to your code