STEP 1: Read Evaluation Score.

Example:


```
{
    "id": 143,
    "studentId": 220,
    "personalityType": "ENTJ",
    "subjectScores": [
        {
            "subject": "ENGLISH",
            "score": 50.0
        },
        {
            "subject": "GEOGRAPHY",
            "score": 100.0
        },
        {
            "subject": "CIVICS",
            "score": 50.0
        },
        {
            "subject": "HISTORY",
            "score": 100.0
        },
        {
            "subject": "BIOLOGY",
            "score": 50.0
        },
        {
            "subject": "PHYSICS",
            "score": 75.0
        },
```

```
                {
                    "subject": "CHEMISTRY",
                    "score": 75.0
                },
                {
                    "subject": "MATHEMATICS",
                    "score": 50.0
                }
            ],
            "thinkingOrientation": {
                "analyticalIndex": 37.5,
                "technicalIndex": 37.5,
                "creativeIndex": 62.5,
                "peopleOrientation": {
                    "CAUTIOUS": 0,
                    "INSPIRING": 3,
                    "DOMINANT": 2,
                    "SUPPORTIVE": 3
                },
                "thinkingOrientationForGrads": "PEOPLE",
                "peopleOrientationIndex": 75
            }
        }
```


FOR CAREER_TRACK IN LIST_OF_CAREER_TRACKS:

STEP 2: Identify suitability score 'P' of a career track for personalityType mentioned in Evaluation Score.

$$P = P_i * 10$$

Where, P = Suitability Score of a career track for given personality type,

P_i = Suitability Index of a career track (out of 10)

STEP 3: Identify suitability score 'C' of a career track for cognitive levels for all subjects mentioned in Evaluation Score.

$C = \sum_{k=1}^{n} C\,k * \Gamma k$

Where, C = Total Cognitive Score for personalityType,

C_k = Cognitive Score for k^{th} Subject

Γ_k = Cognitive Index for k^{th} subject for given personality type

STEP 4: Identify suitability score 'T' of a career track for Thinking Orientations mentioned in Evaluation Score.

$T = \sum_{k=1}^{n} T\,k * \theta k$

Where, C = Total Cognitive Score for personalityType,

C_k = Cognitive Score for k^{th} Subject

θ_k = Cognitive Index for k^{th} subject for given personality type

STEP 5: Calculate suitability score for career track

$$\mathbf{S = P + C + T}$$

END LOOP:

STEP 6: Sort **career tracks based on Suitability Score 'S'** and identify first 5 Career Tracks

STEP 7: STOP