

In-Class Question 13

Question)

In this question, you are given a huge dictionary called `courses`. The dictionary contains all HKUST courses in a structure as shown below:

```
courses = {
  "ACCT 1010": {
    "title": "Accounting, Business and Society",
    "unit": "3 Credit(s)",
    "prerequisite": "a passing letter grade in LANG 1401 ... "},
  "ACCT 1610": {
    "title": "Laws in Society and Business",
    "unit": "3 Credit(s)"},
  "ACCT 2010": {
    "title": "Principles of Accounting I",
    "unit": "3 Credit(s)"},
  "ACCT 2200": {
    "title": "Principles of Accounting II",
    "unit": "3 Credit(s)",
    "prerequisite": "(for non-BIBU students) ACCT 2010"},
  ... more courses not shown ...
}
```

Your objective in this question is to find the total number of credits you have obtained from the courses that you have enrolled so far.

Important notes:

- The course list is a dictionary in dictionary structure
- The course code is shown as 'COMP 1021', with a **space in the middle of 'COMP' and '1021'**, in the dictionary
- The credit information for a course is stored in the item **with the key 'unit' in the dictionary of each course**
- The number of credits is always the first character of the credit information of each course

What do you need to put in **SEE_QUESTION** in the following code so that the total number of credits you have obtained so far can be displayed correctly?

```
mycourses = ["COMP 1021", "MATH 1013", "PHYS 1112", "ELEC 1100"]
```

```
total_credits = 0
```

```
for course in mycourses:
```

```
    course_credit = SEE_QUESTION
```

```
    total_credits = total_credits + course_credit
```

```
print("The total number of credits =", total_credits)
```