Hands-On Prerequisite Python in AI

Exercises 11 & 12

Deadline:2023 24 May
Score: 700

2023 16 May

Hands-On Prerequisite Python in AI

Exercises 11

Score: 400

2023 16 May

Question 1 (Error Handling)

Solve ZeroDivisionError in Question 2 of Exercise 5.

Question 2 (Error Handling)

Manage the errors of the following codes.

```
sum = 8
numbers = [10, 12, 13]
res = sum(numbers)
print(res)
```

```
numbers = [2, 3, 10, 23]
numbers.remove(300)
print(numbers[8])
```

Question 3 (Error Handling)

Which type of error can't handle by "Try, Except"? Give an example

Question 4 (Error Handling)

The project of sorting files in a directory that was solved in the session 10 contains the following two problems, solve them.

1. If one of the folders to be created already exists, the program gives an error and does not continue.

2. If there are number of directories in addition to the files (that is, they do not have an extension), what does the program do? If there is a problem, solve it.

https://github.com/zahrabakhshandeh/Python_Apr2023/blob/main/Session09%20%26%20Session10/Session10_ Project(sort_file).ipynb

Question 1 (File Handling)

Write a program that reads all the txt files on the desktop and creates a txt file as follows.

```
file name                    total    a       e       o       i       u
/home/zahra/Desktop/t1.txt     25     8       5       5       5       2
/home/zahra/Desktop/t2.txt     20     2       8       3       5       2
```

In the first column, the path and name of each file, in the second column, specify the number of vowels in the file, and in the following columns, specify the number for each vowel.

Thanks

Good Luck!