course_4_assessment_4

Due: 2019-02-04 15:16:00

Description: Assessment for the Exceptions lesson

Score: 0 of 8 = 0.0%

Questions

Not yet graded

The code below takes the list of country, `country` , and searches to see if it is in the dictionary `gold` which shows some countries who won gold during the Olympics. However, this code currently does not work. Correctly add try/except clause in the code so that it will correctly populate the list, `country_gold` , with either the number of golds won or the string “Did not get gold”.

Save & Run | Load History | Show CodeLens

```
1
2 gold = {"US":46, "Fiji":1, "Great Britain":27, "Cuba":5, "Thailand":2, "China":
3 country = ["Fiji", "Chile", "Mexico", "France", "Norway", "US"]
4 country_gold = []
5
6 for x in country:
7     country_gold.append(gold[x])
8     country_gold.append("Did not get gold")
9
10
```

ActiveCode (ac_exceptions_01)

Not yet graded

Provided is a buggy for loop that tries to accumulate some values out of some dictionaries. Insert a try/except so that the code passes.

Save & Run | Load History | Show CodeLens

```
1
2 di = [{"Puppies": 17, 'Kittens': 9, "Birds": 23, 'Fish': 90, "Hamsters": 49}, {
```

```
total = 0
for diction in di:
    total = total + diction['Puppies']

print("Total number of puppies:", total)
```

ActiveCode (ac_exceptions_011)

Not yet graded

The list, `numb` , contains integers. Write code that populates the list `remainder` with the remainder of 36 divided by each number in `numb` . For example, the first element should be 0, because 36/6 has no remainder. If there is an error, have the string “Error” appear in the `remainder` .

Save & Run | Load History | Show CodeLens

```

numb = [6, 0, 36, 8, 2, 36, 0, 12, 60, 0, 45, 0, 3, 23]

remainder = []


```

ActiveCode (ac_exceptions_02)

Not yet graded

Provided is buggy code, insert a try/except so that the code passes.

Save & Run | Load History | Show CodeLens

```
1
2 lst = [2,4,10,42,12,0,4,7,21,4,83,8,5,6,8,234,5,6,523,42,34,0,234,1,435,465,56,
3
4 lst_three = []
5
6 for num in lst:
7     if 3 % num == 0:
8         lst_three.append(num)
9
10
11
```

ActiveCode (ac_exceptions_021)

Not yet graded

Write code so that the buggy code provided works using a try/except. When the codes does not work in the try, have it append to the list `attempt` the string “Error”.

Save & Run | Load History | Show CodeLens

```
1
2 full_lst = ["ab", 'cde', 'fgh', 'i', 'jkml', 'nop', 'qr', 's', 'tv', 'wxy', 'z'
3
4 attempt = []
5
6 for elem in full_lst:
7     attempt.append(elem[1])
8
9
```

ActiveCode (ac_exceptions_03)

Not yet graded

The following code tries to append the third element of each list in `conts` to the new list `third_countries`. Currently, the code does not work. Add a try/except clause so the code runs without errors, and the string 'Continent does not have 3 countries' is appended to `countries` instead of producing an error.

Save & Run | Load History | Show CodeLens

```
1
2 conts = [['Spain', 'France', 'Greece', 'Portugal', 'Romania', 'Germany'], ['USA
3
4 third_countries = []
5
6 for c in conts:
7     third_countries.append(c[2])
8
9
10
```

ActiveCode (ac_exceptions_031)

Not yet graded

The buggy code below prints out the value of the sport in the list `sport`. Use try/except so that the code will run properly. If the sport is not in the dictionary, `ppl_play`, add it in with the value of 1.

Save & Run | Load History | Show CodeLens

```
1
2 sport = ["hockey", "basketball", "soccer", "tennis", "football", "baseball"]
3
4 ppl_play = {"hockey":4, "soccer": 10, "football": 15, "tennis": 8}
5
6 for x in sport:
7
8      print(ppl_play[x])
9
10
```

ActiveCode (ac_exceptions_04)

Not yet graded

Provided is a buggy for loop that tries to accumulate some values out of some dictionaries. Insert a try/except so that the code passes. If the key is not there, initialize it in the dictionary and set the value to zero.

Save & Run | Load History | Show CodeLens

```
1
2 di = [{"Puppies": 17, 'Kittens': 9, "Birds": 23, 'Fish': 90, "Hamsters": 49}, {
3 total = 0
4 for diction in di:
5     total = total + diction['Puppies']
6
7 print("Total number of puppies:", total)
8
9
10
```

ActiveCode (ac_exceptions_041)

Score Me

