

1. قم بتصميم لعبة الكلمات المعكوسة بحيث تتفاعل مع المستخدم بالشكل التالي

```
Welcome to the Reserved Words Game!
-----
The reserved word is: llits
-----
The word is: stll
-----
Wrong word!
You took too long!
You lost!
```

```
Welcome to the Reserved Words Game!
-----
The reserved word is: tneserp
-----
The word is: present
-----
You took too long!
You lost!
```

```
Welcome to the Reserved Words Game!  
-----  
The reserved word is: llac  
-----  
The word is: laac  
-----  
Wrong word!  
You lost!
```

```
Welcome to the Reserved Words Game!  
-----  
The reserved word is: tuohtiw  
-----  
The word is: without  
-----  
You won!
```

يمكنك تحديد الوقت المتاح للإجابة كما تريد، على سبيل المثال 5 أو 10 ثواني.

وستجد بالأسفل قائمة تحتوي على مجموعة من الكلمات لاستخدامها

{//}

```
# list of words
words = [
    'have', 'that', 'they', 'with', 'this', 'from', 'which', 'would', 'will',
    'there',
    'make', 'when', 'more', 'other', 'what', 'time', 'about', 'than', 'into',
    'could',
    'state', 'only', 'year', 'some', 'take', 'come', 'these', 'know', 'like',
    'then',
    'first', 'work', 'such', 'give', 'over', 'think', 'most', 'even', 'find',
    'also',
    'after', 'many', 'must', 'look', 'before', 'great', 'back', 'through',
    'long',
    'where', 'much', 'should', 'well', 'people', 'gouda', 'just', 'because',
    'good',
    'each', 'those', 'feel', 'seem', 'high', 'place', 'little', 'world',
    'very', 'still',
    'nation', 'hand', 'life', 'tell', 'write', 'become', 'here', 'show',
    'house', 'both',
    'between', 'need', 'mean', 'call', 'develop', 'under', 'last', 'right',
    'move', 'thing',
    'general', 'school', 'never', 'same', 'another', 'begin', 'while',
    'number', 'part',
    'turn', 'real', 'leave', 'might', 'want', 'point', 'form', 'child',
    'small', 'since',
    'against', 'late', 'home', 'interest', 'large', 'person', 'open',
    'public', 'follow',
    'during', 'present', 'without', 'again', 'hold', 'codezilla', 'govern',
    'around',
    'head', 'consider', 'word', 'program', 'problem', 'however', 'lead',
    'system',
    'order', 'plan', 'keep', 'face', 'group', 'play', 'stand', 'increase',
    'early', 'course', 'change', 'help', 'line', 'possible', 'fact', 'down'
]
```

{codezi//a}

{//}

يمكنك إذا لم تصل للإجابة، أن تحاول مرة أخرى بمساعدة الخطوات التالية

```
# importing the random and time modules

# choose a random index

# choose a word from the list

# make a list from a string

# reverse the list

# make a string from the list

# print the reserved word

# record the start time

# make the guess

# record the end time

# calculate the answer time

# check the guess
```

{codezi//a}

```
{//}
```

```
# importing the random and time modules
import random
import time

# list of words
words = [
    'have', 'that', 'they', 'with', 'this', 'from', 'which', 'would', 'will',
    'there',
    'make', 'when', 'more', 'other', 'what', 'time', 'about', 'than', 'into',
    'could',
    'state', 'only', 'year', 'some', 'take', 'come', 'these', 'know', 'like',
    'then',
    'first', 'work', 'such', 'give', 'over', 'think', 'most', 'even', 'find',
    'also',
    'after', 'many', 'must', 'look', 'before', 'great', 'back', 'through',
    'long',
    'where', 'much', 'should', 'well', 'people', 'gouda', 'just', 'because',
    'good',
    'each', 'those', 'feel', 'seem', 'high', 'place', 'little', 'world',
    'very', 'still',
    'nation', 'hand', 'life', 'tell', 'write', 'become', 'here', 'show',
    'house', 'both',
    'between', 'need', 'mean', 'call', 'develop', 'under', 'last', 'right',
    'move', 'thing',
    'general', 'school', 'never', 'same', 'another', 'begin', 'while',
    'number', 'part',
    'turn', 'real', 'leave', 'might', 'want', 'point', 'form', 'child',
    'small', 'since',
    'against', 'late', 'home', 'interest', 'large', 'person', 'open',
    'public', 'follow',
    'during', 'present', 'without', 'again', 'hold', 'codezilla', 'govern',
    'around',
    'head', 'consider', 'word', 'program', 'problem', 'however', 'lead',
    'system',
    'order', 'plan', 'keep', 'face', 'group', 'play', 'stand', 'increase',
    'early', 'course', 'change', 'help', 'line', 'possible', 'fact', 'down'
]
```

```
{//}
```

```
# choose a random index
index_word = random.randint(0, len(words)-1)

# choose a word from the list
word = words[index_word]

# make a list from a string
lst_word = list(word)

# reverse the list
lst_word.reverse()

# make a string from the list
reserved_word = ''.join(lst_word)

# print the reserved word
print('Welcome to the Reserved Words Game!')
print('-'*20)
print('The reserved word is:', reserved_word)
print('-'*20)

# record the start time
start_time = time.time()

# make the guess
guess = input('The word is: ')
print('-'*20)

# record the end time
end_time = time.time()

# calculate the answer time
answer_time = end_time - start_time

# check the guess
if guess == word and answer_time < 5:
    print('You won!')
else:
    if guess != word:
        print('Wrong word!')
    if answer_time >= 5:
        print('You took too long!')

print('You lost!')
```

{codezi//a}