

Question:

You have to build a dictionary (Or any other container of your choice) which contains multiple True/false type quiz questions. Every participant/user will attempt 5 rounds and in each round random quiz questions will be displayed to the user/participant. If the participant answers the quiz question correct, then congratulate him and add the scores. At the end display the details and score of the participant.

Code:

```
import random
def x(q):
    n=""
    for j in q:
        if ord(j)<=122 and ord(j)>=97:
            n+=j
        else:
            n+=chr(ord(j)+32)
    return n
print("::: Welcome to the quiz
::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
::::::::::::")
print("::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::")
print("::: There will be 5 rounds and in each round random quiz questions
will be displayed to the participant. :::")
print("::: Participant have to answer whether the given question/statement
is True or False. ::::::::::::::::::::::::::::::::::::::")
print("::: press 1 to continue ::: or ::: press any other digit to exit
::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::")
print("::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::")
f=int(input())
print()
print()
a={"Microsoft Word is an example of utility software.":"false",
   "Programs that make your computer run better are considered to be
operating system programs.":"false",
   "Application software consist of programs that perform specific tasks
for users. Examples include Microsoft Word, Internet Explorer, and
Microtype 5.":"true",
   "Software is available to help you with all kinds of tasks.":"true",
   "Software is a series of instructions that tells the computer hardware
what to do and how to do it.":"true",
   "The operating system is a set programs that coordinate all the
activities among all hardware devices.":"true",
   "Utility software is system software designed to help analyze,
configure, optimize or maintain a computer.":"true",
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    "Application software focuses on how the computer operates.":"false",
    "Utility software is generally used by people with an advanced level of
computer knowledge.":"true",
    "Is Microsoft Windows an application software?":"false"}

c=""
d=0
s=y=0
if f==1:
    while d!=-1:
        k=random.choice(list(a.keys()))
        if k not in c:
            c+=k
            s+=1
            print("Q"+str(s)+" ",k+" (True/False)")
            e=input()
            if x(e)==a[k]:
                y+=5
                print("Correct! Well done")
            else:
                print("Incorrect! You got it wrong")
            print()
            print()
            if s==5:
                break
        print("congratulations! your score is:",y)
else:
    print("Thank you for coming")

```

Output:

```

::: Welcome to the quiz ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
::: There will be 5 rounds and in each round random quiz questions will be displayed to the participant. :::
::: Participant have to answer whether the given question/statement is True or False. ::::::::::::::::::::::
::: press 1 to continue :: or :: press any other digit to exit ::::::::::::::::::::::
1 ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
Q1) Software is available to help you with all kinds of tasks. (True/False)
true
Correct! Well done

Q2) The operating system is a set programs that coordinate all the activities among all hardware devices. (True/False)
False
Incorrect! You got it wrong

Q3) Programs that make your computer run better are considered to be operating system programs. (True/False)
True
Incorrect! You got it wrong

Q4) Is Microsoft Windows an application software? (True/False)
FALSE
Correct! Well done

Q5) Application software consist of programs that perform specific tasks for users. Examples include Microsoft Word, Internet Explorer, and Microtype 5. (True/False)
TRUE
Correct! Well done

congratulations! your score is: 15
|

```