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In [14]: def new_game():
    guesses = []
    correct_guesses = 0
    question_num = 1
    for key in questions:
        print('_____')
        print(key)
        for i in options[question_num-1]:
            print(i)
        guess = input('enter A,B,C,D:')
        guess = guess.upper()
        guesses.append(guess)
        correct_guesses += check_answer(questions.get(key), guess)
        question_num += 1
    display_score(correct_guesses, guesses)
    score = int((correct_guesses/len(questions))*100)
    print('your score is: '+str(score)+'%')
    response = play_again()
    if response == True:
        new_game()
def check_answer(answer, guess):
    if answer == guess:
        print('correct')
        return 1
    else:
        print('wrong')
        return 0
def display_score(correct_guesses, guesses):
    print('_____')
    print('results')
    print('_____')
    print('Answers:', end='')
    for i in questions:
        print(questions.get(i), end=' ')
    print()
    print('guesses:', end='')
    for i in guesses:
        print(i, end=' ')
    print()
def play_again():
    response = input('do you want to play again (y/n):')
    response = response.lower()
    if response == 'y':
        return True
    else:
        return False

```

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In [4]: questions = {
    'who created Python': 'A',
    'what year was python created': 'B',
    'Python is tributed to which comedy group': 'C',
    'is the earth round': 'A'
}

```

```

In [6]: options = [
    ["A. Guido van Rossum", "B. Elon Musk", "C. Bill Gates", "D. Mark Zuckerberg"],
    ["A. 1989", "B. 1991",
    "C. 2000", "D. 2016"],
    ["A. Lonely Island", "B. Smesh",
    "C. Monty Python", "D. SNL"],
    ["A. True", "B. False", "C. sometimes", "D. What's Earth?"]]

```

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In [15]: new_game()

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who created Python  
A. Guido van Rossum  
B. Elon Musk  
C. Bill Gates  
D. Mark Zuckerberg  
enter A,B,C,D:A  
correct

---

what year was python created  
A. 1989  
B. 1991  
C. 2000  
D. 2016  
enter A,B,C,D:B  
correct

---

Python is tributed to which comedy group  
A. Lonely Island  
B. Smesh  
C. Monty Python  
D. SNL  
enter A,B,C,D:C  
correct

---

is the earth round  
A. True  
B. False  
C. sometimes  
D. What's Earth?  
enter A,B,C,D:A  
correct

---

results

---

Answers:A B C A  
guesses:A B C A  
your score is: 100%  
do you want to play again (y/n):Y

---

who created Python  
A. Guido van Rossum  
B. Elon Musk  
C. Bill Gates  
D. Mark Zuckerberg  
enter A,B,C,D:A  
correct

---

what year was python created  
A. 1989  
B. 1991  
C. 2000  
D. 2016  
enter A,B,C,D:a  
wrong

---

Python is tributed to which comedy group  
A. Lonely Island  
B. Smesh  
C. Monty Python  
D. SNL  
enter A,B,C,D:a  
wrong

---

is the earth round  
A. True  
B. False  
C. sometimes  
D. What's Earth?  
enter A,B,C,D:a  
correct

---

results

---

Answers:A B C A  
guesses:A A A A  
your score is: 50%  
do you want to play again (y/n):N