

----- MINI PROJECT 1

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Course:Python AI and ML

Q) You need to create a quiz game in python. The quiz needs to contain 5 questions relating to the subject python. The Quiz game asks the player questions about python. Each correct answer will score a point. At the end of the game, the program will reveal the player's final score.

You have all freedom to create the quiz game –

- You can have the quiz game as either MCQ based with one correct answer OR you can create a quiz game where the user inputs the answer for the question
- You can give the option of “re-attempt” for the quiz
- You are free to add any more feature

CODE:

```
import time
q1="Is python case sensitive when dealing with Identifiers?
a.yes
b.no
c.machine dependent
4.none"
q2="Which of the following is not a keyword?
a.eval
b.assert
c.pass
d.break"
q3="What is the output of this 3*1**3?
a.1
b.27
c.9
d.3"
q4="Python was invented in the which year?
a.2000
b.1991
c.1989
d.1992"
q5="What are the Immutable data type in Python?
a.array
b.list
c.tuple
d.dictionary"
questions={q1:'a',q2:'a',q3:'d',q4:'b',q5:'c'}

print("Hello, Welcome to Python quiz")
```

```
time.sleep(2)
score=0
while True:
    for i in questions:
        print(i)
        time.sleep(2)
        answer=input("Enter answer(a/b/c/d):")
        if answer==questions[i]:
            print("Correct answer! You got 1 point")
            score+=1
            print("Your present score is",score)
            time.sleep(2)
        else:
            print("Wrong answer! You got no points")
            print("Your present score is",score)
            time.sleep(2)
        print("-----")
    print("your final score is ",score)
    print("*****")
    time.sleep(2)
    re_attempt=input("Do u want to Re-attempt the quiz?(Yes/NO)")
    if re_attempt.lower()=='yes':
        continue
    else:
        break
print("Thanks for attempting the Quiz!")
```

OUTPUT:

```
Hello, Welcome to Python quiz
Is python case sensitive when dealing with Identifiers?
a.yes
b.no
c.machine dependent
4.none
Enter answer(a/b/c/d):a
Correct answer! You got 1 point
Your present score is 1
-----
Which of the following is not a keyword?
a.eval
b.assert
c.pass
d.break
Enter answer(a/b/c/d):a
Correct answer! You got 1 point
Your present score is 2
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What is the output of this 3*1**3?
a.1
b.27
c.9
d.3
Enter answer(a/b/c/d):d
Correct answer! You got 1 point
Your present score is 3
-----
Python was invented in the which year?
```

```

Your present score is 3
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Python was invented in the which year?
a.2000
b.1991
c.1989
d.1992
Enter answer(a/b/c/d):b
Correct answer! You got 1 point
Your present score is 4
-----
What are the Immutable data type in Python?
a.array
b.list
c.tuple
d.dictonary
Enter answer(a/b/c/d):c
Correct answer! You got 1 point
Your present score is 5
-----
your final score is 5
*****
Do u want to Re-attempt the quiz?(Yes/NO)na
Thanks for attempting the Quiz!
```

```
In [ ]:
```