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Progam on Python

What I made on Python is Geology Quiz Game, it is a simple game you just answer the question and there is an option, but you can always try until you want to finish the game. Here is the input code that I made on Python. How this quiz works will be written after the code has shown below.

```python
print("Geology Quiz\n") #this is a geology quiz


question1 = "What sort of rock are you likely to find where a river used to run?" #the first question that I made

options1 = "a. Sedimentary\nb. Igneous\nc. Metamorphic\nd. Acikidul\n" #the option a/b/c/d


print(question1)


print(options1)


while True:


    response = input("please choose answer a,b,c atau d\n")



    if response == "d": #this is the correct answer


        break


    else:
        print("\n\nINCORRECT ANSWER PLS TRY AGAIN")


        while True:
            response = input("choose a,b, atau d\n")
            if response == "d":
                stop = True
```

```python
                    break
                else:
                    print("\n\nINCORRECT ANSWER PLS TRY AGAIN")
                    stop = True
                    break
            if stop:
                break
while True:
    bonus = input("CORRECT ANSWER\nDo you want to try again?\nPress 'o' if yes and 'x' if no.\n")


    if bonus == "o":
        print("\n\nWhich light blue gemstone is associated with the native people in the American Southwest?")
        print("a. Sapphire \nb. Turquoise \nc. Emerald \nd. Topaz ")


        while True:
            response = input("\nchoose a,b, atau d\n")


            if response == "a":
                break
            else:
                print("INCORRECT ANSWER")


            while True:
                response = input("\n\nINCORRECT ANSWER PLS TRY AGAIN")


                if response == "a":
                    stop = True
                    break
                else:
                    print("your answer is not correct yet, you have exceeded the trial limit")
                    stop = True
                    break
```

```python
        if stop:
            break
    break
    elif bonus == "x":
        break
    else:
        print("punten, please press 'y' or 'x' for your answer")


question1 = "\nWhat is a deep, narrow valley carved by erosion called?"
options1 = "a. Canyon\nb. Cliff\nc. River\nd. Prairie\n"
print(question1)
print(options1)


while True:
    response = input("please choose answer a,b,c atau d\n")


    if response == "b":
        break
    else:
        print("\n\nINCORRECT ANSWER PLS TRY AGAIN")


        while True:
            response = input("choose a,b, atau d\n")


            if response == "b":
                stop = True
                break
            else:
                print("\n\nINCORRECT ANSWER PLS TRY AGAIN")
                stop = True
                break
        if stop:
```

```python
            break
        break
while True:
    bonus = input("CORRECT ANSWER\nDo you want to solve the bonus problem?\nPress 'o' if yes
and 'x' if no.\n")

    if bonus == "o":
        print("\nWhat is the name of the type of rock formed by volcanic activity")
        print("a. Hot rock\nb. Sedimentary Rock\nc. Limestone\nd. Igneous rock")

        while True:
            response = input("\nchoose a,b, atau d\n")

            if response == "a":
                break
            else:
                print("incorrect answer")

            while True:
                response = input("\n\nINCORRECT ANSWER PLS TRY AGAIN")

                if response == "a":
                    stop = True
                    break
                else:
                    print("your answer is not correct yet, you have exceeded the trial limit")
                    stop = True
                    break
            if stop:
                break
        break
    elif bonus == "x":
```

```
        break
    else:
        print("punten, please press 'o' or 'x' for your answer")
```

Therefore, the output of this progam is:

Geology Quiz

What sort of rock are you likely to find where a river used to run? a. Sedimentary

b. Igneous

c. Metamorphic

d. Acikidul

please choose answer a,b,c atau d

c

INCORRECT ANSWER PLS TRY AGAIN

choose a,b, atau d

a

INCORRECT ANSWER PLS TRY AGAIN

CORRECT ANSWER

Do you want to try again? Press 'o' if yes and 'x' if no.

o

Which light blue gemstone is associated with the native people in the American Southwest?

a. Sapphire

b. Turquoise

c. Emerald

d. Topaz

choose a,b, atau d

a

What is a deep, narrow valley carved by erosion called?

a. Canyon

b. Cliff

c. River

d. Prairie

please choose answer a,b,c atau d

c

INCORRECT ANSWER PLS TRY AGAIN

choose a,b, atau d

d

INCORRECT ANSWER PLS TRY AGAIN

CORRECT ANSWER

Do you want to solve the bonus problem? Press 'o' if yes and 'x' if no.

x

So, the logic of this simple quiz or how it works is when you answer the first question i choose the incorrect answer because I want to modificate it. The correct answer is d. Therefore, if I got the incorrect answer, I can always try again. Then, the bonus question is appeared below. Then after the question given, you'll answer it and then you'll get the correct or incorrect one. I got the incorrect answer again so I it appeared "do you want to try again?" I press 'o' if yes until that you will get the answer again. Finally, if you got enough question or you don't want to play again, you can choose 'x' to stop the quiz. I used while, if, elif, break, and else to make this program so it can run easily.