

A Course Project Report
on
QUIZ GAME

Course: Python Programming
Class: B.E CSE(AI&ML) Semester: II

By

VAMSI KRISHNA DESINEEDI

1602-21-748-059



Department of Computer Science & Engineering

Vasavi College of Engineering (Autonomous)
Ibrahimbagh, Hyderabad-31

2022

INTRODUCTION-

This is a complete error free quiz game mini project in PYTHON programming language. In this project there are total of 5 questions. The user is able to answer the next question only after answering the present question. The quiz is based on the programming language-PYTHON.

LIST OF FEATURES-

This Project provides quite a few features.

- Playing the Game
- Getting the Score
- Multi-repeat Game

Description of Functions used-

- **print()** : The `print()` function prints the specified message to the screen, or other standard output device.
- **input()**: The `input()` function allows user input.

- **upper():** The `upper()` method returns a string where all characters are in upper case.
- **append():** The `append()` method appends an element to the end of the list.
- **get():** The `get()` method returns the value of the item with the specified key.
- **new_game():** A user defined function for new game.
- **checking_answer():** A user defined function for checking the answer.
- **show_score():** A user defined function for displaying the sound.
- **play_again():** A user defined function for playing again.

SOURCE CODE-

```
#*****MINI PROJECT ON QUIZ GAME IN PYTHON*****
#*****developed by- VAMSI KRISHNA DESINEEDI(1602-21-748-059)*****
# FUNCTION FOR NEW GAME

def new_game():

    guesses = [];correct_guesses = 0;question_num = 1;

    print("*****Welcome to DVK QUIZ GAME*****")

    for key in questions:

        print("*****")
```

[illegible]

```

print("Your Answers: ", end="")

for i in guesses:

    print(i, end=" ")

print();print()

score = int((correct_guesses/len(questions))*100)

print("Your SCORE : "+str(score)+"%");print()

# FUNCTION FOR PALYING AGAIN

def play_again():

    response = input("DO YOU WANT TO PLAY A NEW GAME? (YES or NO): ");print()

    response = response.upper()

    if response == "YES":

        return True

    else:

        return False

questions = {"Which of the following concepts is not a part of Python?: ": "A",

"Which of the following statements are used in Exception Handling in Python?: ": "D",

"How is a code block indicated in Python?: ": "B",

"What is the maximum length of a Python identifier?: ": "D",

"Which of the following types of loops are not supported in Python?: ": "C"}

options = [["A. Pointers", "B. Loops", "C. Dictionaries", "D. All of the Above"],

["A. try", "B. except", "C. finally", "D. All of the Above "],

["A. Brackets", "B. Indentation", "C. Key", "D. None of the Above"],

["A. 32", "B. 16", "C. 128", "D. No fixed length is specified"],

["A. for", "B. while", "C. do-while", "D. None of the Above "]]

new_game()

while play_again():

    new_game()

print("^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^COME BACK SOON^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^")

```

- This is the output screen the User gets when the user run's the above Source code:

```
*****Welcome to DVK QUIZ GAME*****
*****
Which of the following concepts is not a part of Python?:
A. Pointers
B. Loops
C. Dictionaries
D. All of the Above
Choose one option (A, B, C, or D): 
```

And now u can start answering the questions.

- After answering all the questions the user screen looks like:

[illegible]

- After displaying the score, it asks a question to the user.

```
*****
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!RESULTS!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
*****
Correct Answers: A D B D C
Your Answers: A D C B C

Your SCORE : 60%

DO YOU WANT TO PLAY A NEW GAME? (YES or NO): 
```

- If the User chooses the option "Yes", It starts new fresh game.

```
Your SCORE : 60%

DO YOU WANT TO PLAY A NEW GAME? (YES or NO): yes

*****Welcome to DVK QUIZ GAME*****
*****
Which of the following concepts is not a part of Python?:
A. Pointers
B. Loops
C. Dictionaries
D. All of the Above
Choose one option (A, B, C, or D): 
```

- If the User chooses the option "No", it gives the user a message.

```
Correct Answers: A D B D C
Your Answers: A D C B C

Your SCORE : 60%

DO YOU WANT TO PLAY A NEW GAME? (YES or NO): no

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^COME BACK SOON^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
```


CONCLUSION:

I have understood how all the concepts in Python can be used in real life applications, even though it takes time to write Program it will be best option in going time. It reduces time in future and even Paper Work and data can be stored for long run and increases productivity and there is very less chances of mistakes happening. Through this project, I have learned the actual purpose of all the topics.

By implementing this project we learnt that creating quizzes using code can make it easier to conduct it than conducting quiz manually. It is easier to count the score. Finally we got to know how coding helps to create online quiz.

FUTURE SCOPE:

Even though there are better programs than this, used in real life. This Project is simple and clear that it would be easily habituated to the customers since it is very easy to understand. User's Satisfaction and comfort is the first priority.

I t can be used to create many quizzes on different topics which helps people to improve their knowledge. It saves time and effort of people who used to conduct quiz manually.

