

**Component C. Personalized Project Reference.****Procedure:****i.**

```
def difficulty_level(level):  
    if level == "easy":  
        print("Welcome to easy level")  
        if random_country_easy == "China":  
            china_questions()  
        if random_country_easy == "France":  
            france_questions()  
        if random_country_easy == "Canada":  
            canada_questions()  
    if level == "medium":  
        print("Welcome to medium level")  
        if random_country_medium == "India":  
            india_questions()  
        if random_country_medium == "Saudi Arabia":  
            sa_questions()  
        if random_country_medium == "Morocco":  
            morocco_questions()  
    if level == "hard":  
        print("Welcome to hard level")  
        if random_country_hard == "Burkina Faso":  
            bf_questions()  
        if random_country_hard == "Lithuania":  
            lithuania_questions()  
        if random_country_hard == "Myanmar":  
            myanmar_questions()
```

**ii.**

```
def play_again():  
    while True:  
        level = input("Choose your difficulty: 'easy', 'medium', or 'hard' ")  
        difficulty_level(level)  
        play_again = input("Would you like to play again? (Y)es/(N)o: ")  
        if play_again != 'Y':  
            print("Thanks for playing! Goodbye!")  
            break
```

List:

i.

```
questions = ["This country is the second most populated in the world.",
             "This country has only one time zone.", "This country uses the currency Yuan."]

questions_france = ["This country is the world's most popular tourist destination.",
                    "This country eats around 30,000 tons of snails a year.",
                    "This country is known for the food baguette."]

questions_canada = ["This country takes hockey very seriously.",
                    "This country has two national languages: English + French.",
                    "This country has a maple leaf of their flag."]

questions_india = ["This country is the first country to mine diamonds.",
                   "This country is the second largest English-speaking country in the world.",
                   "This country was where Pi was first calculated."]

questions_sa = ["This country is home to the world's largest airport.",
                "This country is the largest country in the Middle East.", "This country's capital is Riyadh."]

questions_morocco = ["This country is known for its architecture.",
                     "This country is almost the same size as California.", "This country speaks Arabic and Berber."]

questions_bf = ["This country's official language is French.",
                "This country's majority exportation goes to Switzerland.",
                "This country's capital is Ouagadougou."]

questions_lithuania = ["This country has two independence days.",
                       "This country is bounded by Latvia & Belarus.", "This country practices Roman Catholicism."]

questions_myanmar = ["This country was formally known as Burma.",
                     "This country's currency is Kyat.", "This country's official language is Burmese."]
```

ii.

```
def china_questions():
    print(questions[0])
    user_guess = input("Your guess: ")
    correct_answer_china = "China"
    if user_guess == correct_answer_china:
        print("You are correct!")
    if user_guess != correct_answer_china:
        print("Oops! That is incorrect. Here's your next hint: ")
        print(questions[1])
        user_guess = input("Your guess: ")
        if user_guess == correct_answer_china:
            print("You are correct!")
        if user_guess != correct_answer_china:
            print("Oops! That is incorrect. Here's your final hint: ")
            print(questions[2])
            user_guess = input("Your guess: ")
            if user_guess == correct_answer_china:
                print("You are correct!")
            if user_guess != correct_answer_china:
                print("Incorrect! The correct country was China. Try again next time!")

def france_questions():
    print(questions_france[0])
    user_guess = input("Your guess: ")
    correct_answer_france = "France"
    if user_guess == correct_answer_france:
        print("You are correct!")
    if user_guess != correct_answer_france:
        print("Oops! That is incorrect. Here's your next hint: ")
        print(questions_france[1])
        user_guess = input("Your guess: ")
        if user_guess == correct_answer_france:
            print("You are correct!")
        if user_guess != correct_answer_france:
            print("Oops! That is incorrect. Here's your final hint: ")
            print(questions_france[2])
            user_guess = input("Your guess: ")
            if user_guess == correct_answer_france:
                print("You are correct!")
            if user_guess != correct_answer_france:
                print("Incorrect! The correct country was France. Try again next time!")

def canada_questions():
    print(questions_canada[0])
    user_guess = input("Your guess: ")
    correct_answer_canada = "Canada"
    if user_guess == correct_answer_canada:
        print("You are correct!")
    if user_guess != correct_answer_canada:
        print("Oops! That is incorrect. Here's your next hint: ")
        print(questions_canada[1])
        user_guess = input("Your guess: ")
        if user_guess == correct_answer_canada:
            print("You are correct!")
        if user_guess != correct_answer_canada:
            print("Oops! That is incorrect. Here's your final hint: ")
            print(questions_canada[2])
            user_guess = input("Your guess: ")
            if user_guess == correct_answer_canada:
                print("You are correct!")
            if user_guess != correct_answer_canada:
                print("Incorrect! The correct country was Canada. Try again next time!")
```

## Preview - Not For Use on Exam Day

```
def india_questions():
    print(questions_india[0])
    user_guess = input("Your guess: ")
    correct_answer_india = "India"
    if user_guess == correct_answer_india:
        print("You are correct!")
    if user_guess != correct_answer_india:
        print("Oops! That is incorrect. Here's your next hint: ")
        print(questions_india[1])
        user_guess = input("Your guess: ")
        if user_guess == correct_answer_india:
            print("You are correct!")
        if user_guess != correct_answer_india:
            print("Oops! That is incorrect. Here's your final hint: ")
            print(questions_india[2])
            user_guess = input("Your guess: ")
            if user_guess == correct_answer_india:
                print("You are correct!")
            if user_guess != correct_answer_india:
                print("Incorrect! The correct country was India. Try again next time!")

def sa_questions():
    print(questions_sa[0])
    user_guess = input("Your guess: ")
    correct_answer_sa = "Saudi Arabia"
    if user_guess == correct_answer_sa:
        print("You are correct!")
    if user_guess != correct_answer_sa:
        print("Oops! That is incorrect. Here's your next hint: ")
        print(questions_sa[1])
        user_guess = input("Your guess: ")
        if user_guess == correct_answer_sa:
            print("You are correct!")
        if user_guess != correct_answer_sa:
            print("Oops! That is incorrect. Here's your final hint: ")
            print(questions_sa[2])
            user_guess = input("Your guess: ")
            if user_guess == correct_answer_sa:
                print("You are correct!")
            if user_guess != correct_answer_sa:
                print("Incorrect! The correct country was Saudi Arabia. Try again next time!")

def morocco_questions():
    print(questions_morocco[0])
    user_guess = input("Your guess: ")
    correct_answer_morocco = "Morocco"
    if user_guess == correct_answer_morocco:
        print("You are correct!")
    if user_guess != correct_answer_morocco:
        print("Oops! That is incorrect. Here's your next hint: ")
        print(questions_morocco[1])
        user_guess = input("Your guess: ")
        if user_guess == correct_answer_morocco:
            print("You are correct!")
        if user_guess != correct_answer_morocco:
            print("Oops! That is incorrect. Here's your final hint: ")
            print(questions_morocco[2])
            user_guess = input("Your guess: ")
            if user_guess == correct_answer_morocco:
                print("You are correct!")
            if user_guess != correct_answer_morocco:
                print("Incorrect! The correct country was Morocco. Try again next time!")
```

## Preview - Not For Use on Exam Day

```
def bf_questions():
    print(questions_bf[0])
    user_guess = input("Your guess: ")
    correct_answer_bf = "Burkina Faso"
    if user_guess == correct_answer_bf:
        print("You are correct!")
    if user_guess != correct_answer_bf:
        print("Oops! That is incorrect. Here's your next hint: ")
        print(questions_bf[1])
        user_guess = input("Your guess: ")
        if user_guess == correct_answer_bf:
            print("You are correct!")
        if user_guess != correct_answer_bf:
            print("Oops! That is incorrect. Here's your final hint: ")
            print(questions_bf[2])
            user_guess = input("Your guess: ")
            if user_guess == correct_answer_bf:
                print("You are correct!")
            if user_guess != correct_answer_bf:
                print("Incorrect! The correct country was Burkina Faso. Try again next time!")

def lithuania_questions():
    print(questions_lithuania[0])
    user_guess = input("Your guess: ")
    correct_answer_lithuania = "Lithuania"
    if user_guess == correct_answer_lithuania:
        print("You are correct!")
    if user_guess != correct_answer_lithuania:
        print("Oops! That is incorrect. Here's your next hint: ")
        print(questions_lithuania[1])
        user_guess = input("Your guess: ")
        if user_guess == correct_answer_lithuania:
            print("You are correct!")
        if user_guess != correct_answer_lithuania:
            print("Oops! That is incorrect. Here's your final hint: ")
            print(questions_lithuania[2])
            user_guess = input("Your guess: ")
            if user_guess == correct_answer_lithuania:
                print("You are correct!")
            if user_guess != correct_answer_lithuania:
                print("Incorrect! The correct country was Lithuania. Try again next time!")

def myanmar_questions():
    print(questions_myanmar[0])
    user_guess = input("Your guess: ")
    correct_answer_myanmar = "Myanmar"
    if user_guess == correct_answer_myanmar:
        print("You are correct!")
    if user_guess != correct_answer_myanmar:
        print("Oops! That is incorrect. Here's your next hint: ")
        print(questions_myanmar[1])
        user_guess = input("Your guess: ")
        if user_guess == correct_answer_myanmar:
            print("You are correct!")
        if user_guess != correct_answer_myanmar:
            print("Oops! That is incorrect. Here's your final hint: ")
            print(questions_myanmar[2])
            user_guess = input("Your guess: ")
            if user_guess == correct_answer_myanmar:
                print("You are correct!")
            if user_guess != correct_answer_myanmar:
                print("Incorrect! The correct country was Myanmar. Try again next time!")
```