

## Develop a text-based adventure game using Java

Program:

```
import java.util.Scanner;

public class TextAdventureGame {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.println("Welcome to the Text Adventure Game!");

        System.out.println("You find yourself in a dark cave. Choose your path:");

        while (true) {

            System.out.println("1. Go left");

            System.out.println("2. Go right");

            System.out.println("3. Quit");

            int choice = scanner.nextInt();

            switch (choice) {

                case 1:

                    System.out.println("You encounter a treasure chest. What do you do?");

                    System.out.println("1. Open the chest");

                    System.out.println("2. Leave the chest");

                    int chestChoice = scanner.nextInt();

                    if (chestChoice == 1) {

                        System.out.println("Congratulations! You found a valuable item.");

                    }

                    else {

                        System.out.println("You leave the chest untouched.");

                    }

                    break;

                case 2:

                    System.out.println("You stumble upon a mysterious door. What will you do?");

                    System.out.println("1. Open the door");
```

```
System.out.println("2. Ignore the door and continue");

int doorChoice = scanner.nextInt();

if (doorChoice == 1) {
    System.out.println("Behind the door, you find a secret passage.");
}
else {
    System.out.println("You decide to continue without opening the door.");
}

break;

case 3:
    System.out.println("Thanks for playing");
    System.exit(0);
    break;

default:
    System.out.println("Invalid choice. Try again.");
}
}
}
}
```

## **OUTPUT :**

Welcome to the Text Adventure Game!

You find yourself in a dark cave. Choose your path:

1. Go left
2. Go right

3. Quit

1

You encounter a treasure chest. What do you do?1. Open the chest

2. Leave the chest

1

Congratulations! You found a valuable item.

1. Go left

2. Go right

3. Quit

2

You stumble upon a mysterious door. What will you do?

1. Open the door

2. Ignore the door and continue

1

Behind the door, you find a secret passage.

1. Go left

2. Go right

3. Quit

3

Thanks for playing.