**This is your assignment. You need to do it as a group. And you will upload ONE SINGLE FILE PER GROUP.**

**During our dictionary class, we made a game.**

**Modify the program so that the exits is a dictionary rather than a list, with the keys being the numbers of the locations and the values being dictionaries holding the exits (as they do at present). No change should be needed to the actual code.**

**Once that is working, create another dictionary that contains words that players may use. These words will be the keys, and their values will be a single letter that the program can use to determine which way to go. ( example: North, South, East,…)**

**Here is the code of the game you must do the modifications on.**

**locations = {0: "You are sleeping",**

**1: "You are walking on a road",**

**2: "You are at the top of a hill",**

**3: "You are inside a building",**

**4: "You are in a valley",**

**5: "You are in the forest"}**

**exits = [{"Q": 0},**

**{"W": 2, "E": 3, "N": 5, "S": 4, "Q": 0},**

**{"N": 5, "Q": 0},**

**{"W": 1, "Q": 0},**

**{"N": 1, "W": 2, "Q": 0},**

**{"W": 2, "S": 1, "Q": 0}]**

**loc = 1**

**while True:**

**availableExits = ", ".join(exits[loc].keys())**

**print(locations[loc])**

**if loc == 0:**

**break**

**direction = input("Available exits are " + availableExits + " ").upper()**

**print()**

**if direction in exits[loc]:**

**loc = exits[loc][direction]**

**else:**

**print("You cannot go in that direction")**