

1. Βασική πλοήγηση (south west east north)

```
if move[0]=='go':
    direction=move[1]
    if direction in rooms[currentRoom]:
        nextRoom=rooms[currentRoom][direction]
        currentRoom=nextRoom
    else:
        print("You can't go that way!")
```

2. Βασικό get

```
elif move[0]=='get':
    item=move[1]
    if "item" in rooms[currentRoom] and item ==
rooms[currentRoom]['item']:
        inventory.append(rooms[currentRoom]["item"])
        del rooms[currentRoom]['item']

else:
    print("wrong input")
```

3. Up and Down

Κάνουμε επέκταση των key/value pair

```
'Bedroom': {
    'north': 'Living Room',
    'west': 'Office',
    'up': 'Attic',
    'item': 'map'
},
```

4. Εμφάνιση χάρτη όταν ο παίκτης πάρει το item Map!

```
def showMap():
    print('''
        MAP:

        [Garden] -----[Garden]
          |               |
        [Living Room] ---- [Kitchen]
          |               |
        [Bedroom]  ----- [Office]
          |               |
          ud              |
          |               |
        [Attic]
    ''')
```

```
if 'map' in inventory:
    showMap()
```

5. Γραφείο να μπαίνεις μόνο με κλεδί!

```
'Office': {
    'north': 'Kitchen',
    'east': 'Bedroom',
    'item': 'note',
    'locked': True
},
```

```
if direction in rooms[currentRoom]:
    nextRoom=rooms[currentRoom][direction]
    if 'locked' in rooms[nextRoom] and rooms[nextRoom]['locked']:
        if 'key' in inventory:
            print("you have the key so door unlocked!")
            rooms[nextRoom]['locked'] = False
            currentRoom = nextRoom
        else:
            print("You need the key to get in!")
    else:
        currentRoom = nextRoom
```

6. Προσθήκη γρίφου για την σοφίτα!

```
        if nextRoom == 'Attic':
            print("The door to the Attic is locked by a puzzle!")
            answer = input("Solve this math puzzle to enter:\n"
                           "I am a two-digit number. My tens digit
is 3 more than my ones digit. "
                           "If you reverse my digits, the number
increases by 9. What number am I? ")
            if answer.strip() == "41":
                print("Correct! The door unlocks.")
                rooms[nextRoom]['locked'] = False
                currentRoom = nextRoom
                showStatus()
            else:
                print("Wrong! The door remains locked.")
                return
```