Emulating Switch



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The switch Statement in C

```
switch (menu_option) {
    case 1: single_player();
                                 break;
    case 2: multi_player();
                                 break:
    case 3: load_game();
                                 break;
                                 break;
    case 4: save_game();
    case 5: reset_high_score(); break;
    default:
        printf("No such option!");
        break:
```

In Python if...elif...else Can Be Clumsy

```
if menu_option == 1:
    single_player()
elif menu_option == 2:
    multi_player()
elif menu_option == 3:
    load_game()
elif menu_option == 4:
    save_game()
elif menu_option == 5:
    reset_high_score()
else:
    print("No such option!");
```

Demo



There is no switch construct in Python

Option #1 - if...elif...elif...else

Option #2 - A mapping of callables

Refactor an adventure game from Option #1 to Option #2

Along the way we'll use try...else

