

Lab 05 - MCC Resources Menu

Learning Objective: demonstrate understanding of nested branching structures and while loops.

MiraCosta college offers many resources for their students. In this lab you will be creating nested branching structures and a while loop to display information about a specific student service. The user will first choose the type of services they are interested in and then choose a specific service they would like to learn about. Have fun and I hope you learn something new about MCC student services!

Step 1: Introduction and Main Menu

In the main function there is an introduction to the user. After that, provide the user with a menu consisting of the following 3 options:

1. Academic Support
2. Campus Services
3. Exit

Get input from the user for their selection.

Step 2: Nested Decision Structures (Branching)

1. When the user selects 1 from the main menu they should then be given a menu with three options:

- a)Language lab
- b)Math Learning Center
- c)STEM Learning Center

Get input from the user then display the appropriate information using the constants given to you.

2. When the user selects 2 from the main menu they should then be given a menu with three options:

- a)Food Pantry
- b)Health Services
- c)Mental Health Services

Get input from the user then display the appropriate information using the constants given to you.

3. When the user selects 3 from the main menu, display the following message then exit the program.

Happy studying, bye!!!

Step 3: Repeat (Loop)

Create an outer while loop that will continue to prompt the user with menu choices until they enter option 3. After displaying the appropriate information to the user, prompt the user to click return before returning to the main menu. Press enter to return to main menu.

Test

Run your program and check each of the logical statements to make sure the correct information is displayed to the console. Try 1 - a, 1 - b, 1 - c, etc. For example, entering 2, a, return, 3 should produce the following concole output:

```
***Welcome to MiraCosta College Student Resources***
```

As you may already know we offer many services for our students.

1. Academic Support
2. Campus Services
3. Exit

Enter your choice from the above options : 2

- a)Food Pantry
- b)Health Services
- c)Mental Health Services

Choose from the options above : a

Experiencing food insecurity? No problem, Food Pantry at MiraCosta College has your back! Food Pantry provides food assistance and referrals to students experiencing hunger

<https://www.miracosta.edu/student-services/care/food-pantry.html>

Press enter to return to main menu.

1. Academic Support
2. Campus Services
3. Exit

Enter your choice from the above options : 3

Happy studying, bye!!!

Submit

There are automated tests for this lab so make sure they pass before submitting. As always, stop by student hours, send an email, check in with a peer, or stop by the STEM Center if you need any assistance.