```python
import requests
import textwrap

def showTitle():
    print("My Recipe Program\n")

def showMenu():
    print("COMMAND MENU")
    print("1 - List all categories")
    print("2 - List all meals for categories")
    print("3 - Search Meal by Name")
    print("4 - Random Meal")
    print("5 - List all Areas")
    print("6 - Search Meals by Area")
    print("7 - Menu")
    print("0 - Exit the application\n")

def listCategories():
    categories = requests.getCategories()

    if categories is None:
        print("Technical difficulties, please try again later")
    else:
        print("\nCATEGORIES")
        for i in range(len(categories)):
            category = categories[i]
            print(" " + category.getName())
        print()

def listMeals(title, meals):
    if meals is None:
        print("Technical difficulties, please try again later")
    else:
        print()
        print(title.upper(), "MEALS")
        for i in range(len(meals)):
            meal = meals[i]
            print(" " + meal.getName())
        print()

def listMealsByCategory():
    lookupCategory = input("Enter a category: ")

    categories = requests.getCategories()
    found = False

    if categories is None:
        print("Technical difficulties, please try again later")
    else:
        for i in range(len(categories)):
            category = categories[i]
            if category.getName().lower() == lookupCategory.lower():
                found = True
                break

    if found:
        meals = requests.getMealsByCategory(lookupCategory)
        listMeals(lookupCategory, meals)
    else:
```

```python
            print("Invalid Category, please try again.")

    def printInstructions(instructions):
        print("\nRecipe:  " + instructions.getName())
        print("\nInstructions:\n")
        wrapper = textwrap.TextWrapper(width=80)
        instructionsList = wrapper.wrap(text=instructions.getInstructions())
        for line in instructionsList:
            print(line)
        print("\nIngredients:")
        ingredients = instructions.getIngredients()
        measures = instructions.getMeasures()
        detailedIngredients = []
        for i in range(len(ingredients)):
            detailedIngredients.append(measures[i] + " " + ingredients[i])
            if detailedIngredients[i] == None:
                detailedIngrdients.pop(i)
        i = 1
        longestWord = ""
        for item in detailedIngredients:
            if len(longestWord) < len(item):
                longestWord = item
        dashLength = len(longestWord) * 3
        if dashLength < 80:
            dashLength = 80
        print("-" * dashLength)
        for item in detailedIngredients:
            columnLength = len(longestWord) - len(item) + 1
            if len(item) + 1 < 27:
                columnLength = 27 - len(item)
            print(item + (" " * columnLength), end="")
            if i % 3 == 0:
                print()
            i += 1
        print()

    def searchMealByName():
        lookupName = input("Enter Meal Name: ")

        instructions = requests.getMealByName(lookupName)
        if instructions != None:
            printInstructions(instructions)
        else:
            print("Invalid name, please try again.")

    def getRandomMeal():
        instructions = requests.getRandomMeal()
        printInstructions(instructions)

    def listAreas():
        areas = requests.getAreas()

        if areas is None:
            print("Technical difficulties, please try again later")
        else:
            print("\nAREAS:")
            for i in range(len(areas)):
                area = areas[i]
                print(" " + area.getName())
```

```python
        print()

def listMealsByArea():
    lookupArea = input("Enter an Area: ")

    areas = requests.getAreas()
    found = False

    if areas is None:
        print("Technical difficulties, please try again later")
    else:
        for i in range(len(areas)):
            area = areas[i]
            if area.getName().lower() == lookupArea.lower():
                found = True
                break

    if found:
        meals = requests.getMealsByArea(lookupArea)
        listMeals(lookupArea, meals)
    else:
        print("Invalid Area, please try again.")

def main():
    showTitle()
    showMenu()

    while True:
        command = input("What would you like to do? ")
        if command == "1":
            listCategories()
        elif command == "2":
            listMealsByCategory()
        elif command == "3":
            searchMealByName()
        elif command == "4":
            getRandomMeal()
        elif command == "5":
            listAreas()
        elif command == "6":
            listMealsByArea()
        elif command == "7":
            showMenu()
        elif command == "0":
            print("Thank you for dining with us!")
            break

if __name__ == "__main__":
    main()
```