Activity 3:

1. Write a script called mycase, using the case utility to checks the type of character entered by a user:

a. Upper Case.

b. Lower Case.

c. Number.

d. Nothing.

2. Enhanced the previous script, by checking the type of string entered by a user:

a. Upper Cases.

b. Lower Cases.

c. Numbers.

d. Mix. (Upper and lower cases)

e. Nothing.

3. Enhanced the previous script, by checking the type of string entered by a user:

a. Upper Cases.

b. Lower Cases.

c. Numbers.

d. Mix. (Upper and lower cases, numbers)

e. Nothing.

4. Design a script that accept 3 arguments (option [-i, -c, -d], word, file) based on the option if it:

-i: print the lines that contain the given word.
-c: print the number of matched given word.
-d: print the file after deleting the lines that contain the given word.

5. Write a script called myfruit, using the case and select utility to list fruit option (apple, banana and kiwi):

- if select apple option, list another three options for me (red, yellow, green) and after selection return to first list.
- if select banana option, list another two options for me (yellow, green) and after selection return to first list.
- Break the script when select quit option

6. Design a script using the case and select utility to list some countries and when we select a country it print the language of that country.

7. Create a Bash script which will take 2 numbers as command line arguments. It will print to the screen the larger of the two numbers.

8. Create a Bash script which will accept a file as a command line argument and analysis it in certain ways. e.g. you could check if the file is executable or writable. You should print a certain message if true and another if false.

9. Create a Bash script which will print a message based upon which day of the week it is (e.g. 'Happy weekend day' for Friday and Saturday).