**Instructions:**

**Write the answer to each question below the question in the space provided.
You can “wrap-around” the answer on separate lines if you need more space.**

1. Write code for a Bash shell script will clear the screen and prompts the user for their **age**.

If the age entered is **less than** **65**, then display a message that the person is NOT eligible to retire. If the age is **equal to 65**, then display a message that the person just turned 65 and can retire. If the age is **greater than 65**, then display the message that the user is over 65 and why have they not have already retired already?
2. Add code to script in the previous question, to force the user to enter only an **integer** to provide error-checking for this shell script.
3. Write code for a Bash shell script that will prompt the user for a **valid POSTAL CODE**.
A valid postal code consists of the following format: **x#x #x#**
where **X** represents an upper or lowercase letter
and **#** represents a number from 0-9

Also VALID postal codes can consist of **no spaces** or **one or more spaces** in the format shown above.

If the user enters an INVALID postal code, indicate an error and allow the user to enter the VALID postal code. When the user enters a VALID postal code, then clear the screen and display the VALID postal code.
4. Write code that works similar to the previous question, but have it read an input file called **unchecked-postalcodes.txt** and only save VALID postal codes to a file called:
**valid-postalcodes.txt**

Design your Bash Shell script to only run if the user enters TWO ARGUMENTS:
**unchecked-postalcodes.txt** and **valid-postalcodes.txt**Otherwise, display an **error message** and immediately **exit** your Bash Shell script
with a **false** exit value.
5. What is the purpose of the **/etc/profile** startup file?
6. What is the purpose of the **/etc/bashrc** startup file?
7. What is the purpose of the **~/.bashrc** startup file?
8. What is the purpose of the **~/.bash\_profile** startup file?
9. What is the purpose of the **~/.bash\_logout** file?

1. Write code for the **~/.bashrc** file below to clear the screen, welcome the user by their username, and display a list of all users currently logged into your Matrix server. Insert blank lines between each of those elements.
2. Write a command to run the recently created **~/.bashrc** startup file from the previous question without exiting and re-logging into your Matrix account.