

Assignment 3

1. Write a script to validate how secure someone's password is. Things you would care about:

- Length should be 8 or more characters
- The password should contain numbers and letters
- There should be both uppercase and lowercase letters

Script:

```
#!/bin/bash
min_string_length=8

read -sp "Enter password string: " input_string
echo

string_length=`expr length "$input_string"`

if [ $string_length -lt $min_string_length ]
then
{
    echo "Password length must be greater than or equal to $min_string_length";
    exit 1;
}
fi

if [[ "$input_string" =~ [a-z] ]] && [[ "$input_string" =~ [0-9] ]] && [[ "$input_string" =~ [A-Z] ]]
then
    echo "Password validated!!!"
else
    echo "Password must contain numbers, lower case letters and upper case letters"
fi
~
~
```