

1. Write a program that prompts the user to enter their name. The program will then tell the user how many characters are in their name. Sample output:

```
Please enter your name: Joe Bloggs
Joe Bloggs contains 10 characters.
```

2. Write a program which will ask the user to enter two strings. The program will then display the longest string on screen. Sample output:

```
Please enter the first String: Shannon
Please enter the second String: Swilly
Shannon is the longest String.
```

3. Write a program that will ask the user to enter a `String`. The program will firstly display the `String` in all upper case letters, and then in lower case letters.

4. Write a program that will ask the user to enter a `String`. The program will then print out the first letter and the last letter in that `String`.

5. Write a program that will ask the user to enter a password. If the user enters "Let me in", then the program should display the message "Password is correct", otherwise the program should display the message "Incorrect password entered." Use the `equals()` or `equalsIgnoreCase()` method of the `String` class.

6. Write a program which prompts the user to enter their first name, and then prompts the user to enter their second name. The program will then print out their initials.

```
Please enter your first name: David
Please enter your second name: Bowie
Your initials are DB
```