Phone Numbers

This is a **pair** exercise and must be competed in your **tutorial** or **lab** with your partner.

Juilian has made a program that reads in a phone number in its international form and displays what country the phone number is from. His code has a number of bugs as he is still getting used to using if statements.

Download a copy of **phoneNumbers.c** then find the bugs in the if statements and fix them so that program works properly.

You can find out more about how phone number country codes work from the **wikipedia page**.

> You will see that the `getchar()` function is used in this program to read in digits. This function reads in a single character that the user has entered.

To run some simple automated tests:

```
$ 1511 autotest phoneNumbers
```

To run Styl-o-matic:

```
$ 1511 stylomatic phoneNumbers.c
Looks good!
```

You'll get advice if you need to make changes to your code.

Submit your work with the *give* command, like so:

```
$ give cs1511 wk03_phoneNumbers
```

Or, if you are working from home, upload the relevant file(s) to the `wk03_phoneNumbers` activity on Give Online.