

120 Discussion Section 1 Problems

Problem 1: Write a function `dups_input()` that prompts the user for input and prints out the user input twice. For example, if the user types in the string "hello", the output is

```
hello
hello
```

Problem 2: Write a function `is_short()` that prompts the user for input. If the input string is less than 10, print "that's short!". If the input string is exactly 10 characters, print "It's 10". If the input string is longer than 10 characters, print "That's long!".

Problem 3: Write a function `counting` that takes two inputs from the user. You can assume that both of these inputs are numbers and that the first number is less than the second. Using a while loop, print out all the numbers from the first number to the second number. For example, if the input is 5 and 8, the output is:

```
5
6
7
8
```

Problem 4: Write a `main()` function that calls `dups_input()`, `is_short()`, and `counting()`. Call `main()` and run the program.