Module 13 Graded Programming Assignment: Swapper

Complete a program that uses a function template to swap values of different data types.

An incomplete solution has been provided in the GitHub classroom repository, you only need to add the necessary code so the application builds and executes correctly. You may also implement your own solution from scratch if desired.

Console

```
Swapper

STRING TEST
Before:         John    Bob
After:          Bob     John

DOUBLE TEST
Before:         3.14    2.71
After:          2.71    3.14

INT TEST
Before:         15      21
After:          21      15
```

Specifications

- A GitHub account is required to complete this assignment, follow the instructions provided in the Canvas assignment to create your account.
- Clone the GitHub classroom repository by accepting the assignment invitation in the Canvas assignment (click on the invitation link to accept the assignment, your private repository will be generated).
- Implement the do_swap() function template that accepts references to two values of any data type and swaps them so that the data stored by the original variables is swapped.
- Code the function template named print() that accepts references to two values of any data type and displays them on the console.
- _Add_ (do not replace) your ID header underneath mine if you use the source file provided. No filename is required since my ID header provides that; your summary line should indicate what you changed.
- Use the hardcoded data provided in the main function to test the application.
- Push your solution to the GitHub classroom repository using the instructions provided separately for this assignment in Canvas. No Canvas submission is required for your solution, I will clone your repo and test your application.