Coding challenge

A rust program is needed which can use the following functions in the C standard library:

* abs()
* fabs()

**You will need to:**

1. Research the C standard library to discover the prototypes of each function and identify the C data types for any argument and return value.

**Caution: there are differences between C’s abs() and C++’s abs() function.**

1. Create an appropriate Rust library function signature – with compatible data types.
2. Write sample Rust code to test each function and print its result.

**Extension Tasks**

* Create a test module in Rust and check your function’s accuracy.
* Use **Cargo Test** to run the selected test module and confirm results.