**Step required:**

1. Key-in the following code in your preferred editor or IDE.

**fn** main**()** **{**

**let** path **=** String**::**from**(**r#"c:\mydir\file1.txt"#**);**

**let** upperpath **=** path**.**to\_uppercase**();**

**let** raw **=** path**.**strip\_prefix**(**"c:"**).**unwrap**();**

println!**(**"Original path: {}"**,** path**);**

println!**(**"Uppercase path: {}"**,** upperpath**);**

println!**(**"Raw path: {}"**,** raw**);**

**}**

1. Save the source file as “pathplay.rs”
2. Compile the code using rustc compiler
3. Debug any warnings errors reported by the compiler
4. Run the code

**e.g. sample output expected:**

**C:\Users\QA\rust>pathplay**

**Original path: c:\mydir\file1.txt**

**Uppercase path: C:\MYDIR\FILE1.TXT**

**Raw path: \mydir\file1.txt**

**Extension task:**

Research and add additional lines of code to remove the given filename from the pathname and then print it.

Re-compile and test.