

Lab 04 - Fractional Conversion

Direction: Submit typed work in the Labs directory of your github repository and/or as an attachment on Google classroom under the Lab04 assessment. All submission should have their appropriate extensions.

Complete the following objectives

1. Copy the link

<https://forms.gle/WiTUD2E4dfyQgTCU8>

to your browser, and complete the form.

2. Write a complete program that defines the function `ToBinaryMantissa()` whose header is

```
string ToBinaryMantissa(double radix)
```

If *radix* is a decimal value between 0 and 1 exclusively, the function returns the conversion of *radix* to a binary string with at most 10 significant digits; otherwise, the function returns an empty string. For instance, if *radix* = 0.625, the function will return "0.101".