Lab 04 - Fractional Conversion

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

$$\texttt{string ToBinaryMantissa(double radix)}$$

    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 $radix = \texttt{0.625}$, the function will return `"0.101"`.