




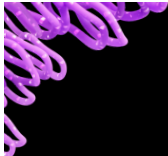



MY_CIRCUMFERENCE

A project to kick-off your C journey !

Date Prepared: 19/01/2024

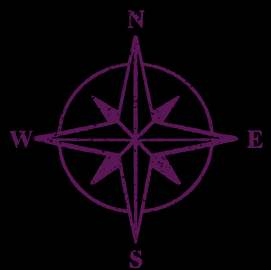

Preliminaries :






BINARY NAME : MY_CIRCUMFERENCE
LANGUAGE : C
COMPILATION : GCC -O MY_CIRCUMFERENCE MY_CIRCUMFERENCE.C

Project :

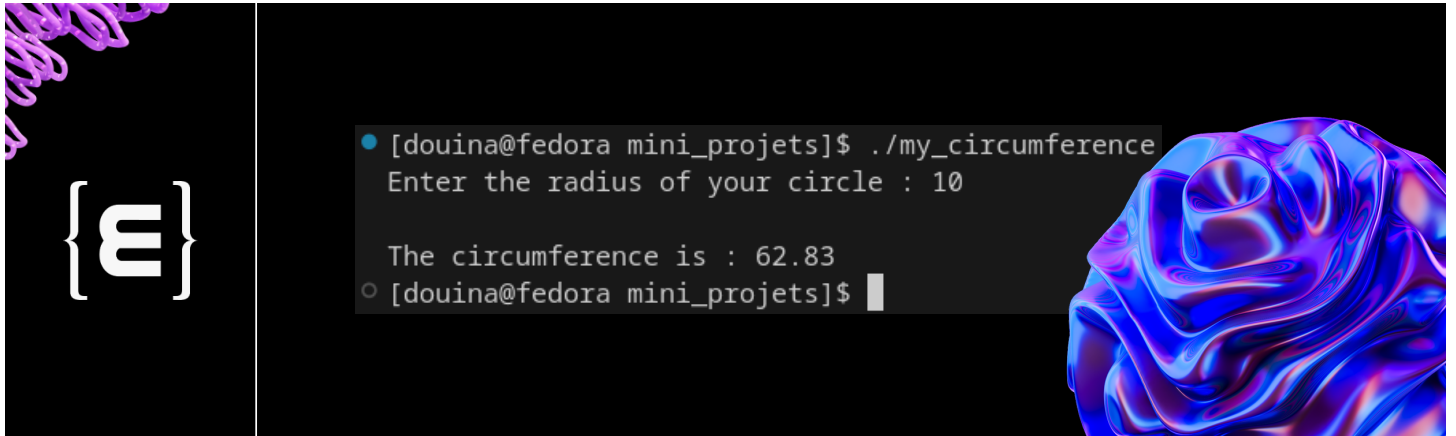




REMEMBER WHEN YOU HAD TO CALCULATE CIRCLE CIRCUMFERENCE WHEN YOU WERE YOUNGER ? YOU'VE COME A LONG WAY ! HERE ARE SOME REQUIREMENTS FOR THIS PROJECT :

- THE VALUE OF PI MUST BE 3.14159
- YOU HAVE TO ASK USER FOR THE RADIUS OF THEIR CIRCLE
- NO INTERNET ALLOWED
- MATH.H LIB IS FORBIDDEN

Example :



The circumference (C) of a circle is calculated using the formula:

$$C = 2 * \pi * r$$

where π (pi) is a mathematical constant approximately equal to 3.14159, and r is the radius of the circle.

For a circle with a radius of 10 cm:

$$C = 2 * 3.14159 * 10$$

C is approximately 62.8318 cm.

So, the circumference of a circle with a radius of 10 cm is approximately 62.83 cm.