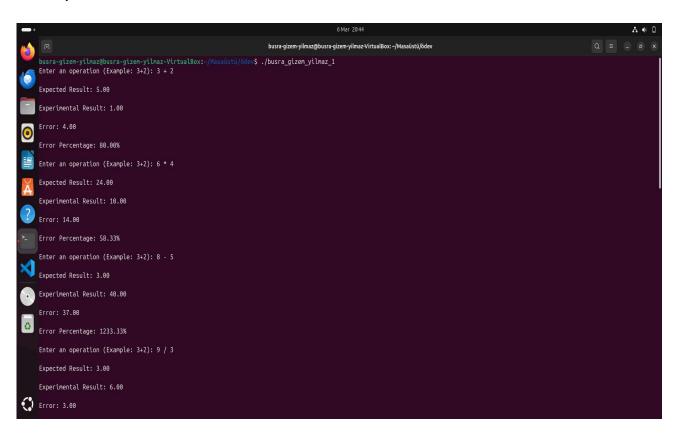
OUTPUTS FOR PART1 AND PART2

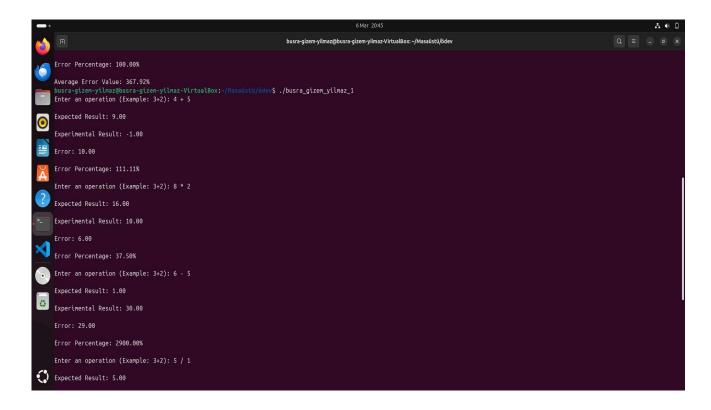
For Part1

- *If the user selects (+), the program performs (-). If the user selects (-), the program performs (*). If the user selects (*), the program performs (+). If the user selects (/), the program performs (-).
- *The error was calculated as the absolute difference between the expected result and the experimental result. → Error = |Expected Result Experimental Result|
- * The error percentage is calculated by dividing the error by the expected result and then multiplying the result by 100. → Error Percentage = (Error / Expected Result) * 100
- *The average error percentage is calculated by summing the individual percentage errors and then dividing the result by 4. (The program executes four times)

For Part2

*The program takes the diameter as input from the user then calculates and displays the radius. After that, it calculates and displays the surface area of the sphere using the formula $4\pi r^2$. (where $\pi = 3.14$)







SOME ERRORS ABOUT PART1

- *If the user does not enter one of the following operations (+, -, , /), the program prints a warning message and exits.
- *If the user attempts to divide by zero, the program displays a warning message. In this case, expected result and error percentage cannot be calculated and this part is excluded from the average error calculation.
- *If the expected result is zero (for example if the user enters 5-5), error percentage cannot be calculated and this part is excluded from the average error calculation.

