Problem Set 1: Python and LaTeX Practice

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1 Introduction

This report covers the solutions to the Python tasks and the associated mathematical explanations.

2 Python Code

Below is the Python code for the assignment:

```python
def calculate_area(width, height):
    return width * height
print(calculate_area(5, 10))
```

3 Mathematical Explanation

The formula for calculating the area of a rectangle is given by:

$$E = MC^2 \tag{1}$$

$$G = \frac{cM_1M_2}{d} \tag{2}$$

where A is the area, and the width and height are the dimensions of the rectangle.

4 Conclusion

This assignment helped me practice basic Python and LaTeX concepts.