Day 4

DIY

Q1. Problem Statement: Quotient and Remainder

Write a Python program with a user-defined function that takes two integers as input, dividend, and divisor. Print the quotient and the remainder of the two numbers by dividing them using the "//" and "%" operators.

Input Format:

```
Enter the Dividend: 25
Enter the Divisor: 5
```

Sample Output:

```
Quotient:  5
Remainder 0
```

Q2. Problem Statement: Simple Interest Calculator

Write a program in Python to **calculate simple interest using the lambda function**.

Hint: Simple interest = **(P * R * T)/100**, where P is the principal amount, R is the rate, and T is the time/number of years.

Input Format:

```
Enter the Principal Amount:40000
Enter the Time(Number of years):5
Enter the Interest Rate:8
```

Sample Output:

```
The Simple Interest is: 16000.0
```