Solution Practice Tasks 02 – Variable-Operators-Input-Output

Note: The sample run (with programs) means, the expected behavior of the program at the time of execution, means how your program should perform:

Task 01: Input three values, calculate and print their average:

Sample Run:
Enter first number: 4
Enter second number: 5
Enter third number: 9
Average: 6

```
first = int(input('Enter first number:'))
second =  int(input('Enter second number:'))
third = int(input('Enter third number:'))
average = (first + second + third) / 3
print('Average: ', average)
```

Task 02: Input two numbers. Print their sum, difference and product.

Sample Run:
Enter first number: 6
Enter second number: 4
Sum: 10
Difference: 2
Product: 24

```
first = int(input('Enter first number:'))
second =  int(input('Enter second number:'))
print('Sum: ', first + second)
print('Difference: ', first - second)
print('Product: ', first * second)
```

Task 03: Input number of hours. Find and print number of minutes.

Sample Run:
Enter Hours: 4
Number of minutes: 240

```
hours = int(input('Enter number of hours:'))
print('Number of minutes: ', hours * 60)
```

Task 04: Input number of seconds and print number of hours, number of minutes and remaining number of seconds: (Hint: Use integer division and remainder operator.

Sample Run:
Enter Seconds: 9800
Number of hours: 2
Number of minutes: 40
Number of seconds: 20

```
seconds = int(input('Enter number of seconds:'))
hours = seconds // 3600
print('Number of hours: ', hours)
remaining_seconds = seconds % 3600
minutes = remaining_seconds // 60
print('Number of minutes: ', minutes)
print('Number of seconds: ', remaining_seconds % 60)
```

Task 05: Input two strings. Find their length. Print the sum of their lengths.

Sample Run:
Enter any string: Wonderful
Enter another string: Thing
Length of string 1 =: 9 bytes
Length of string 2 =: 5 bytes
Sum of both lengths: 14

```
first = input('Enter any string: ')
second = input('Enter another string: ')
print('Length of string 1 =: ', len(first))
print('Length of string 2 =: ', len(second))
print('Sum of both lengths:  ', len(first)+len(second))
```