

## Employee Weekly Payment Calculator

### ICT1002 Programming Fundamentals

#### Task Description:

Develop one employee weekly payment calculation program as we have discussed in Lecture 2. The program requirement is as follows:

1. Allow users to run your program with three input arguments by passing three values to the program: the number of working hours, input normal rate and input the overtime rate.
2. Your program will read the three arguments and calculate the users salary using the following two formulas:

a. *Payment of the normal hours = normal rate \* normal hours*

b. *Payment of the overtime hours = overtime rate \* overtime hours*

NOTE: the working hours within 40 belong to normal hours and those beyond 40 hours are considered as overtime hours.

3. After user inputs all the numbers, if the input numbers are invalid, you need to present an error message "Your input is invalid!". Otherwise, you need to print out the employee's payment of normal hours, his payment of overtime hours and total payment. The output payment requires to have 2 precisions. For instance, if payment is 2300.456, it should print 2300.45. If payment is 2300, it should print 2300.00.

NOTE: You have to strictly follow the input and output format.

Assume your program is named as calculator.py. Example output is as follows:

Example1:

RUN → *python.exe calculator.py 20 30 100*

```
Salary for normal hours is:600.00
Salary for extra hours is:0.00
Total salary is:600.00
```

Example2:

RUN → *python.exe calculator.py 60 30 200*

```
Salary for normal hours is:1200.00
Salary for extra hours is:4000.00
Total salary is:5200.00
```

Example3:

RUN → *python.exe calculator.py 10000 10 200*

```
Your input is invalid!
```