Write a complete C++ program that calculates the salary of a part-time worker. The payment rates vary depending on the working day as described below:

A part-timer is paid RM 4.80 per hour if he/she works on Sunday. If he/she works on Monday to Thursday, the rate is RM 2.80 per hour, and RM 3.20 per hour on Friday and Saturday.

Your program must meet with the following requirements:

a). Besides the main function, your program must also include another function which is to determine the payment rate.

b). The input must be read in from an external file. The following figure shows an example of the input file, where the first item is the working day and the second item is the number of hours of working.

Input File:

```
X 3
```

Note: The following abbreviations are used for day names:

M:Monday, T:Tuesday, W:Wednesday, F:Friday, S: Saturday, X: Sunday

c). The output must be printed out into another an external file. The following figure shows an example of the output file.

Output File:

```
Total Working Hours       : 3
Payment Rate (per Hour)   : RM  4.80
Total Salary              : RM 14.40
```

Note: Display the "Payment Rate" and "Total Salary" in 2 decimal floating point and with the width of 6 spaces.