Timeoption Test

INTRODUCTION

Every restaurant has shift hours.These hours are usually defined based on day in week, e.g. Monday to Sunday, and hours and minutes, e.g. from 10.30 AM to 3.30 PM. The combination of shift hours make up the actual opening hours of the restaurant.

ASSIGNMENT

You are tasked to convert and print out the shift hours into nice opening hours. Here's an example of an Italian restaurant with multiple shift hours:

Monday to Saturday
9AM to 2PM

Monday to Friday
4PM to 9PM

Friday
12PM to 5PM
NOTE: the opening hours for Friday will be from 9AM to 9PM (A combination of 3 shifts, 9AM to 2PM, 12PM to 5PM and 4PM to 9PM)

Saturday
2PM to 7PM
NOTE: the opening hours for Saturday will be from 9AM to 7PM (A combination of 2 shifts, 9AM to 2PM and 2PM to 7PM)

The exepected output of the opening hours will be:

Monday - Thursday

9AM to 2PM
4PM to 9PM

Friday

9AM to 9PM

Saturday

9AM to 7PM

Sunday

Closed