[ Time sheet ]

# input

Generate day\_hours list

Using while function,

Input working hours for 5 days.

Add hours in day\_hours list using append function

After getting hours for 5 days, exit while function

If you input over 24(hours), print invalid and enter again

# max working day calculation

Max\_hour is the maximum working hours among day\_hours list

Print day and hours for maximum working hours

* If there are several days which have maximum working hours,

print day and hours each. (using enumerate function)

# total hours and average hours

Calculate total hours and average hours using sum and max function

Print total hours and average hours

# slack-off

If there are days worked for less than 7 hours,

Print day and hours each

[ Message Redaction ]

\*Concept : Define redact\_letter function for phrase to redact specific text.

Using while function, get the phrase and execute function for phrase

until get “quit”

# Define redact\_letter function for phrase to redact specific text

Make a list\_letter

Input letters to redact (comma-seperated)

Add letters to list\_letter(must be over 2, use extend function not append)

Using for function,

* count number for each string in phase
* Total number is accumulated
* Replace letter to “\_” using replace function

# Loop until get “quit”

Get the phrase or quit

Make a regardless of case sensitivity using lower function

If the phrase is not quit,

Call the redact\_letter function

Else the phrase in quit.

Exit the loop

[ Girl Guide Cookie Sell-off ]

# input

Get number of guides selling cookies

Make a list for name and number of boxes

Get the guide name and number of boxes sold until number of guides

Add name and number of boxes into their list.

# average boxes

Calculate average number of boxes using sum and len function

Print the average number of boxes sold

# awards depending on their accomplishment

Match names and their number of boxes sold using zip function

If the guide sold the maximum number of boxes,

Print name and the sentence : trip to girl guide Jamboree in Aruba!

If the guide sold boxes over average.

Print name and the sentence : Super seller budget

If the guide sold at least one box,

Print name and the sentence : left over cookies

If the guide sold nothing

Print only name