Problem Statement:

Jane is the administrator of an apartment building and she wants to manage the monthly expenses for each apartment. Jane needs an application to store, for a given month, the expenses for each apartment. Each expense is stored in the application using the following elements: **apartment** (number of apartment, positive integer), **amount** (positive integer), **type** (from one of the predefined categories: water, heating, electricity, gas, other). Help Jane by creating an application that provides the following functionalities:

Feature list:

F1. Add an apartment

F2. Remove all expenses for apartment X

F3. Remove all expenses for apartment between X and Y

F4. Remove all expenses for a type from all apartments

F5. Replace the amount of the expenses whit type X for apartment Y with the value Z

F6. Print all the apartments

Iteration plan:

Iteration	Planned Feature
Iteration 1	F1,F2,F3,F4,F5,F6
Iteration 2	
Iteration 3	

Iteration 1
Running Scenario

	User	Program	Description
a		1. Add an apartment 2. Print all apartment 3. Modify Options X. Exit	The program will print the menu
b	1		The program will read a integer number from keyboard
c		Apartment Number	The program will print a sentence and read a value from keyboard
d	12		The input value
f		Type	The program will print a sentence and read a value from keyboard
g	gas		The input value
h		amount	The program will print a sentence and read a value from keyboard
i	400		The input value
j		1. Add an apartment 2. Print all apartment 3. Modify Options X. Exit	The program will print the menu
k	x		Read an input from keyboard
l		Bye bye	The program ends

Work Items/Tasks

T1	Add a number to a list (b-i)
T2	Print a menu (a,j)