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LAB 6 – REST IN PYTHON

EXERCISE 1 – IMPLEMENT A REST SERVER FOR TASKS

Extend the rest server implemented in classroom (you can clone the following repository: https://github.com/AmI-2016/python-rest), to provide basic support for:

a) updating a task
b) deleting a task
c) getting all the tasks that contains a specified string.

Consequently, you have to develop and implement the following additional API methods:

- Update the task identified by the given task_id (an integer number)

  Url: /api/v1.0/tasks/:task_id
  Method: PUT - Update the task identified by the given task_id (an integer number)
  Example:

  ```
  {
     "description" : "This is an old task that became urgent",
     "urgent" : 1
  }
  ```

- Delete the task identified by the given task_id (an integer number)

  Url: /api/v1.0/tasks/:task_id
  Method: DELETE - Delete the task identified by the given task_id (an integer number)

- get all the tasks that contains a specified search_substring

  Url: /api/v1.0/tasks?search_substring=:search_substring
  Method: GET - Get all the tasks that contain a specified search_substring (a string)

EXERCISE 2 – IMPLEMENT A SIMPLE CLIENT FOR GETTING TASKS

Develop a python script that prints the list of existing tasks. The list is obtained from the server implemented in exercise 1 using API.