Part 1

Flask

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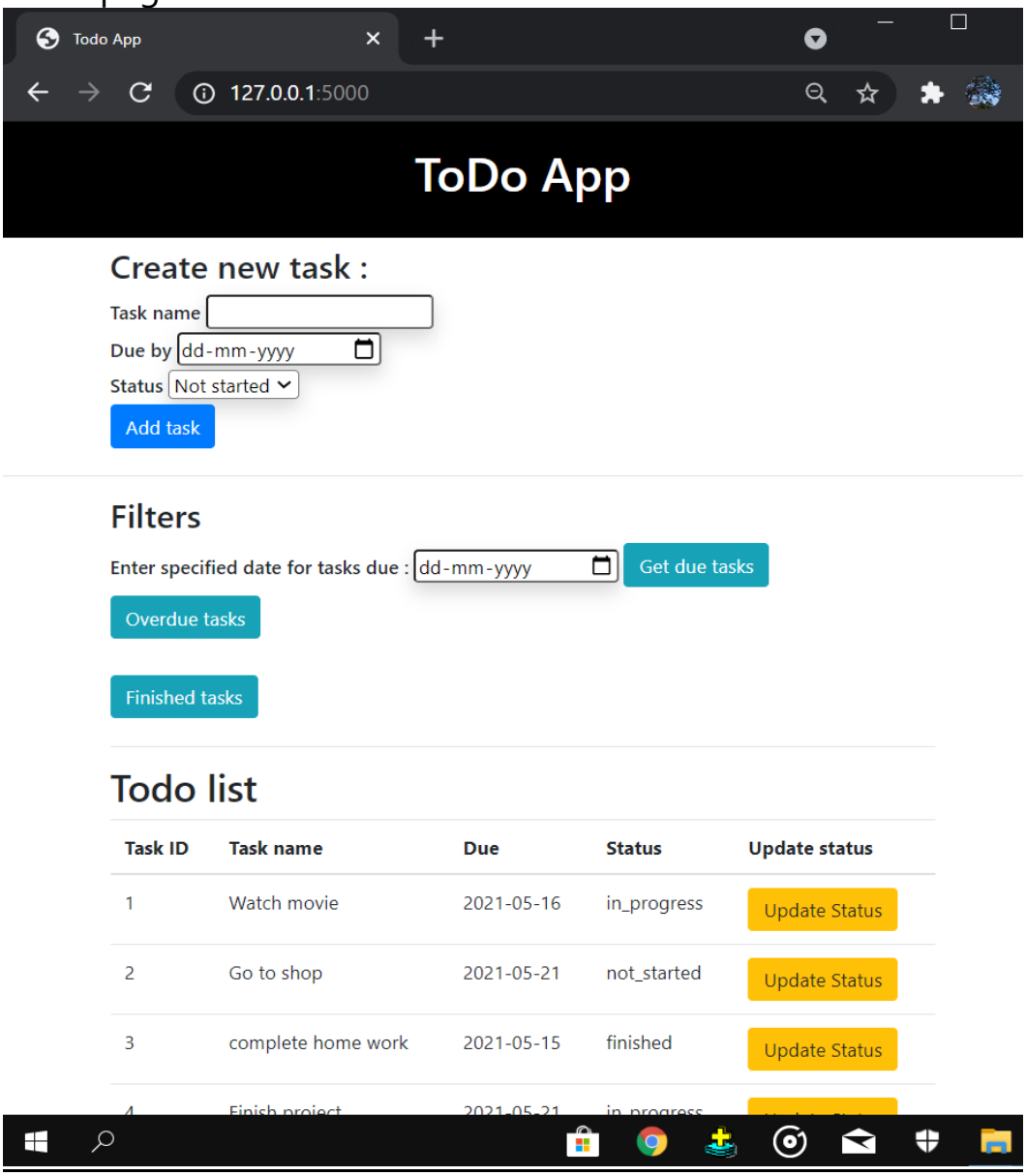
Screenshots:

Index page



MySQL Database

```
mysql> use task
Database changed
mysql> show tables;
+----------------+
| Tables_in_task |
+----------------+
| todo           |
+----------------+
1 row in set (0.38 sec)

mysql> select * from todo;
+----+--------------------+------------+-------------+
| id | tname              | due        | status      |
+----+--------------------+------------+-------------+
|  1 | Watch movie        | 2021-05-16 | in_progress |
|  2 | Go to shop         | 2021-05-21 | not_started |
|  3 | complete home work | 2021-05-15 | finished    |
|  4 | Finish project     | 2021-05-21 | in_progress |
+----+--------------------+------------+-------------+
4 rows in set (0.12 sec)

mysql>
```

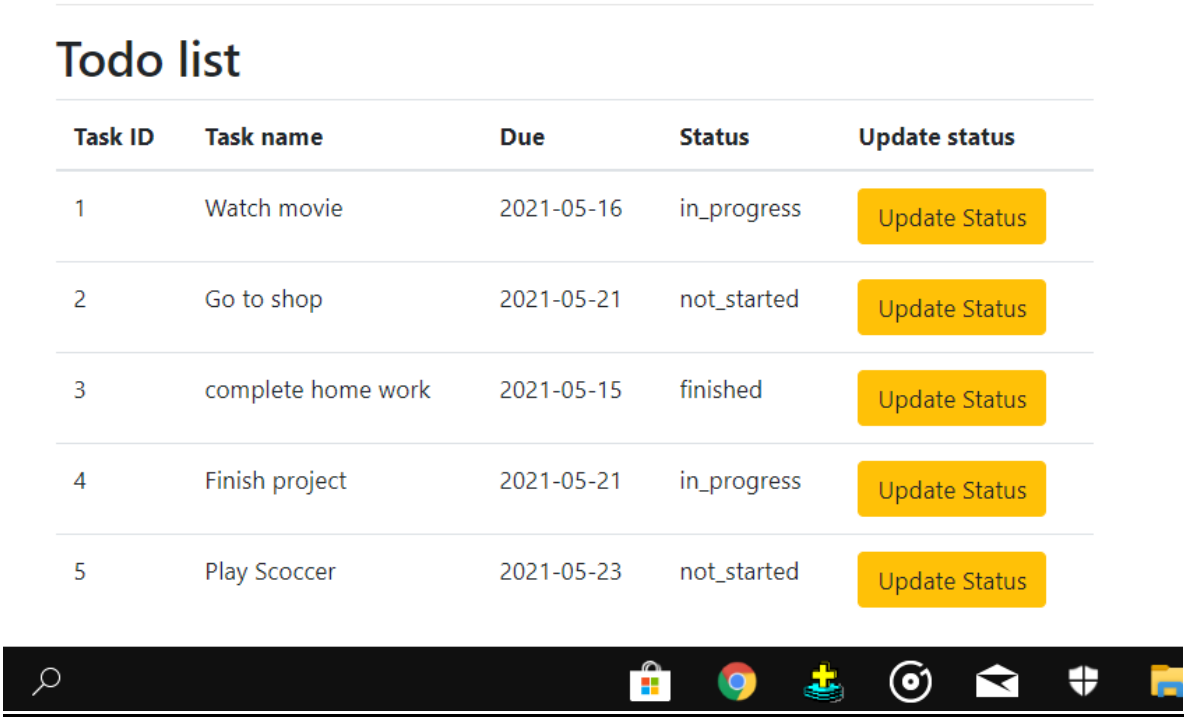
Create a new task

Added task to the database

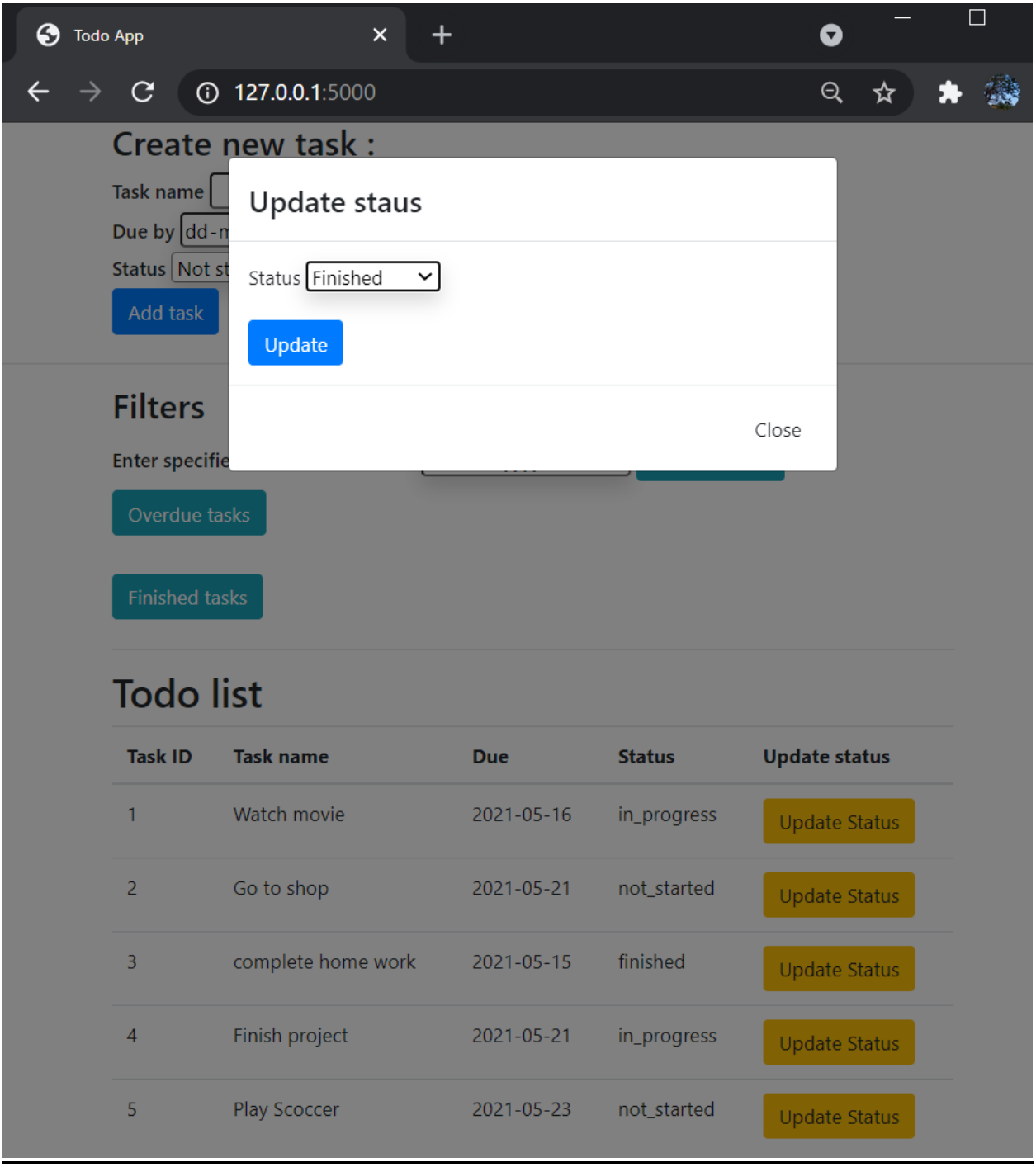
```
mysql> select * from todo;
+----+--------------------+------------+-------------+
| id | tname              | due        | status      |
+----+--------------------+------------+-------------+
|  1 | Watch movie        | 2021-05-16 | in_progress |
|  2 | Go to shop         | 2021-05-21 | not_started |
|  3 | complete home work | 2021-05-15 | finished    |
|  4 | Finish project     | 2021-05-21 | in_progress |
|  5 | Play Scoccer       | 2021-05-23 | not_started |
+----+--------------------+------------+-------------+
5 rows in set (0.00 sec)

mysql>
```

Update the status of any task by clicking update status



UPDATE form opens
Choose status and click update



Updated in the database

Finish project task **in_progress** to **finished**

Before updating

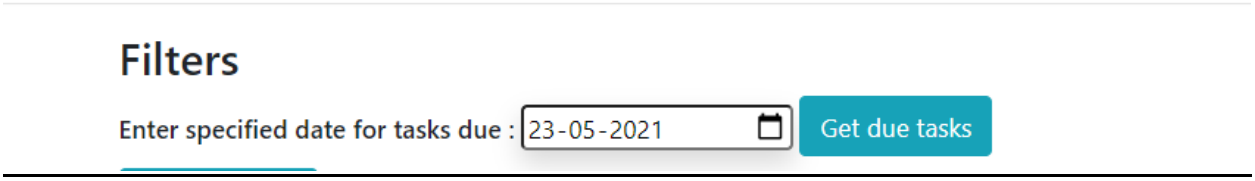
```
mysql> select * from todo;
+----+--------------------+------------+-------------+
| id | tname              | due        | status      |
+----+--------------------+------------+-------------+
|  1 | Watch movie        | 2021-05-16 | in_progress |
|  2 | Go to shop         | 2021-05-21 | not_started |
|  3 | complete home work | 2021-05-15 | finished    |
|  4 | Finish project     | 2021-05-21 | in_progress |
|  5 | Play Scoccer       | 2021-05-23 | not_started |
+----+--------------------+------------+-------------+
5 rows in set (0.00 sec)
```

After update

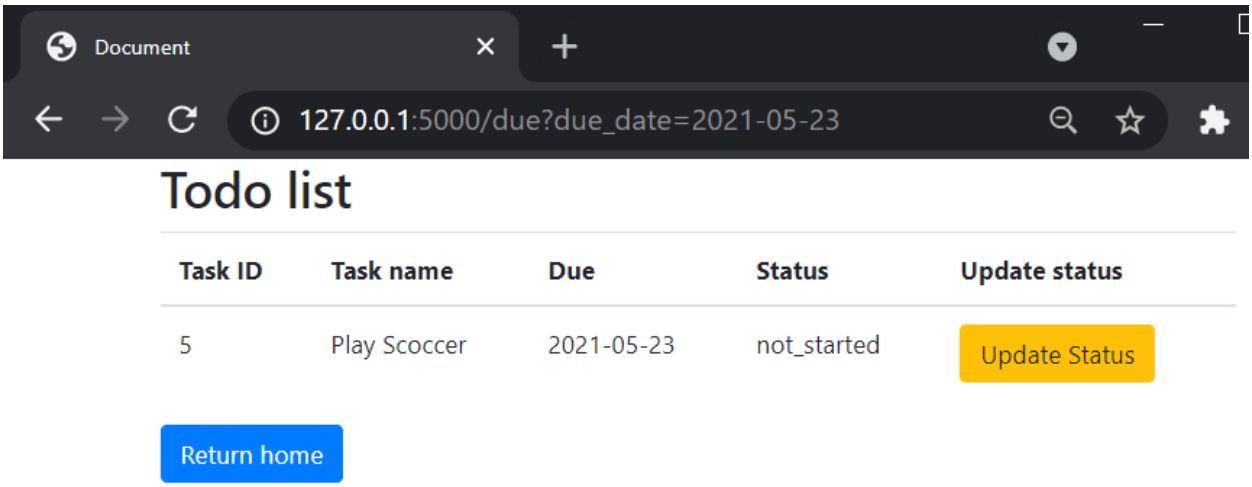
```
mysql> select * from todo;
+----+--------------------+------------+-------------+
| id | tname              | due        | status      |
+----+--------------------+------------+-------------+
|  1 | Watch movie        | 2021-05-16 | in_progress |
|  2 | Go to shop         | 2021-05-21 | not_started |
|  3 | complete home work | 2021-05-15 | finished    |
|  4 | Finish project     | 2021-05-21 | finished    |
|  5 | Play Scoccer       | 2021-05-23 | not_started |
+----+--------------------+------------+-------------+
5 rows in set (0.00 sec)
```

Filters :

1. get due tasks on a specified date

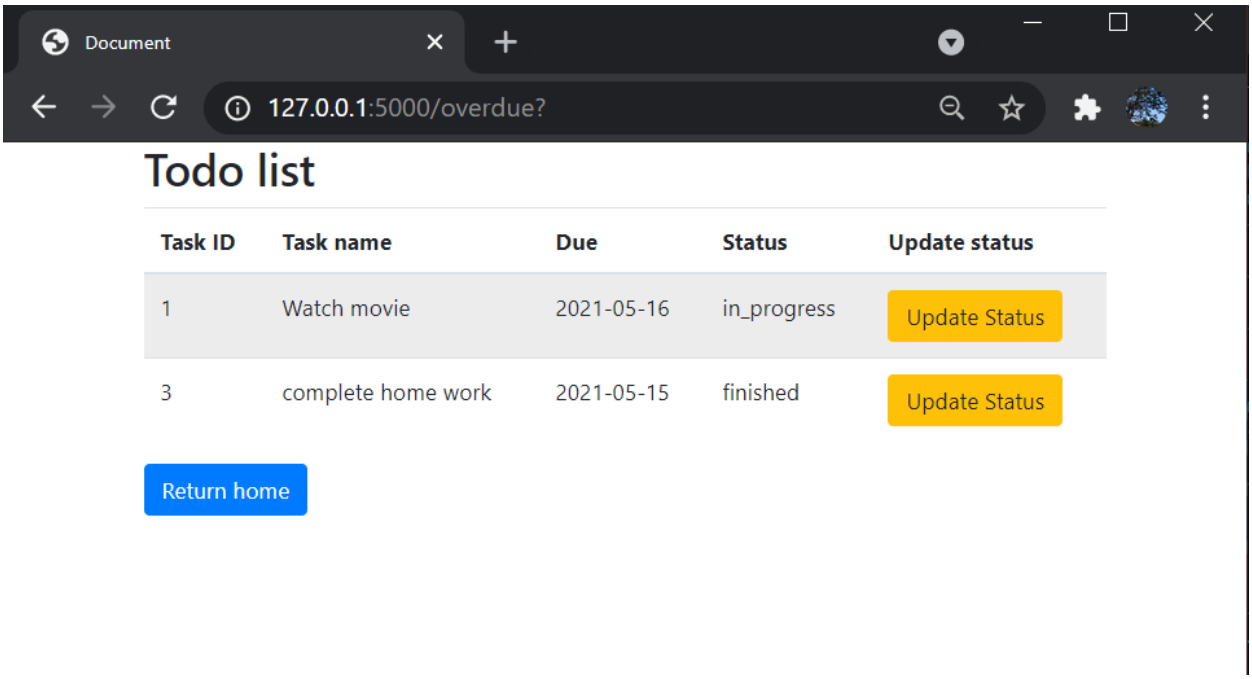


New page with task displayed with **return home** and **update status** option available with it



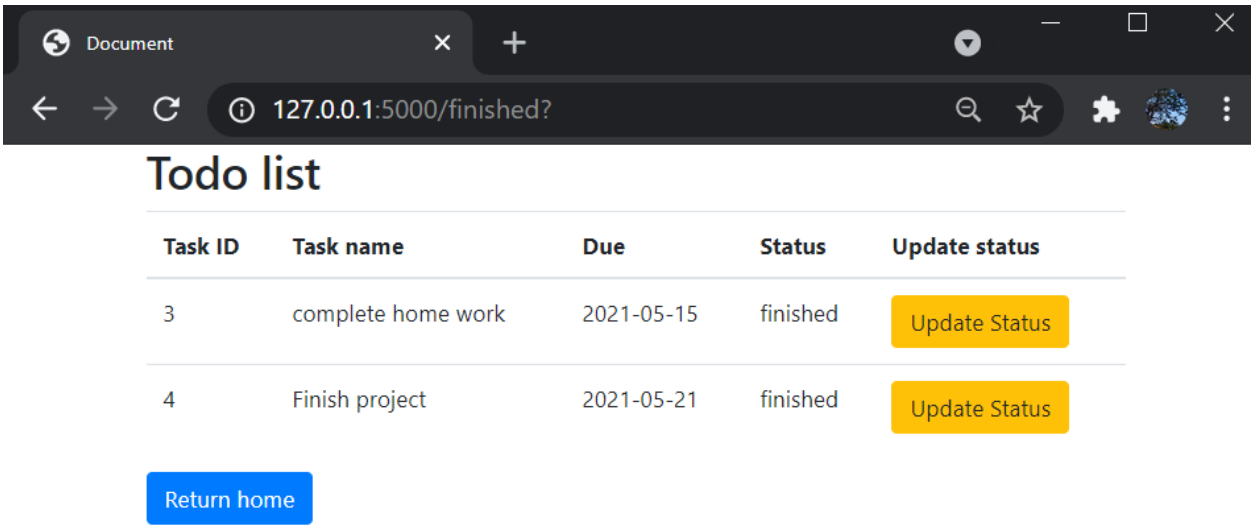
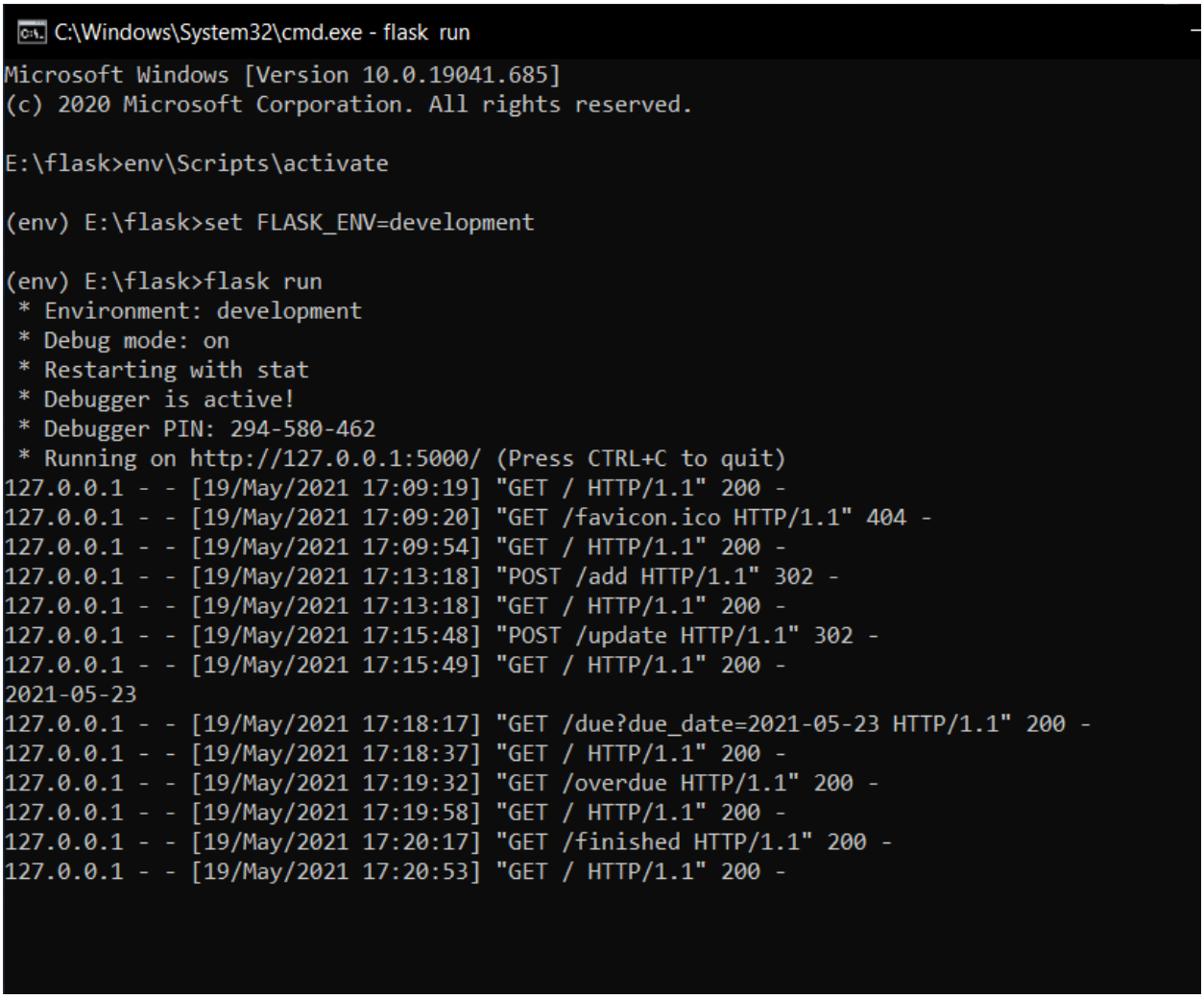
2. Overdue tasks on date when the query is run.

Overdue tasks



Finished tasks

3. Finished tasks



Command prompt: