

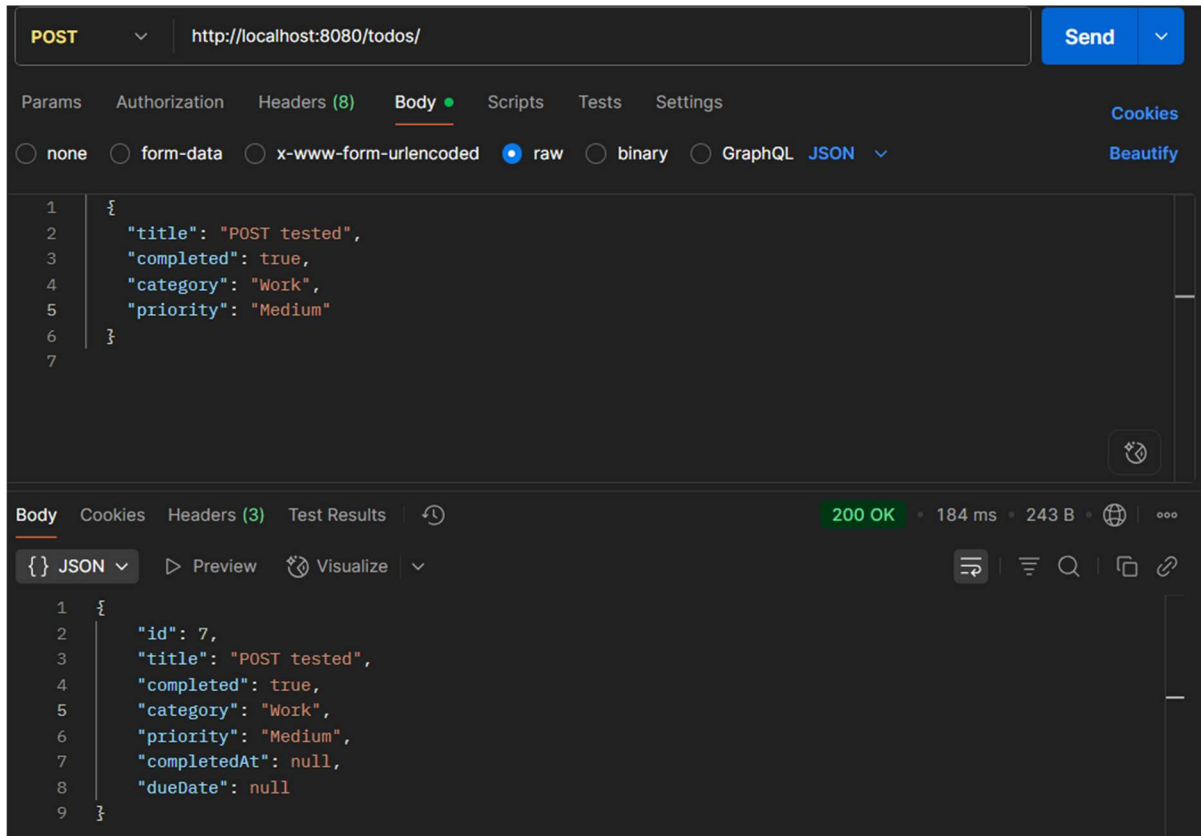
This is the Test Evidence Document of my Todo-App Project

All testing is done using Postman, you can also download it if you want through this link:

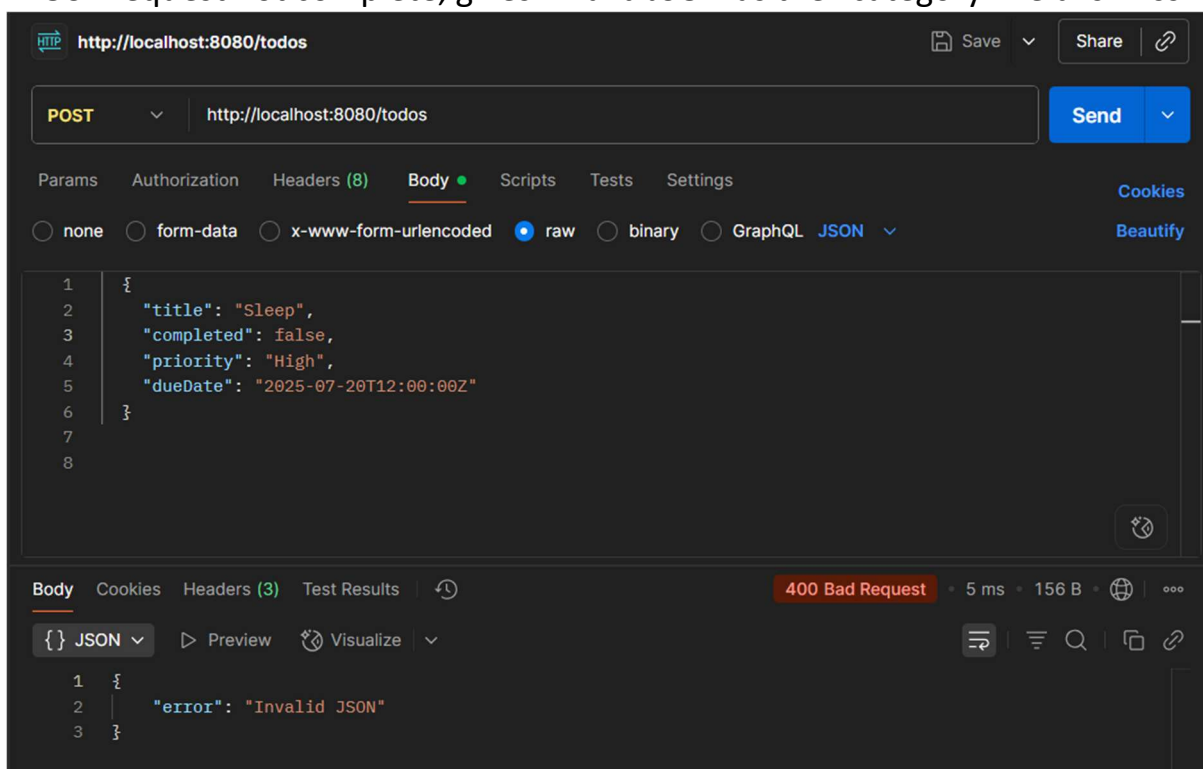
<https://www.postman.com/downloads/>

Test #1: Endpoint POST `/todos`

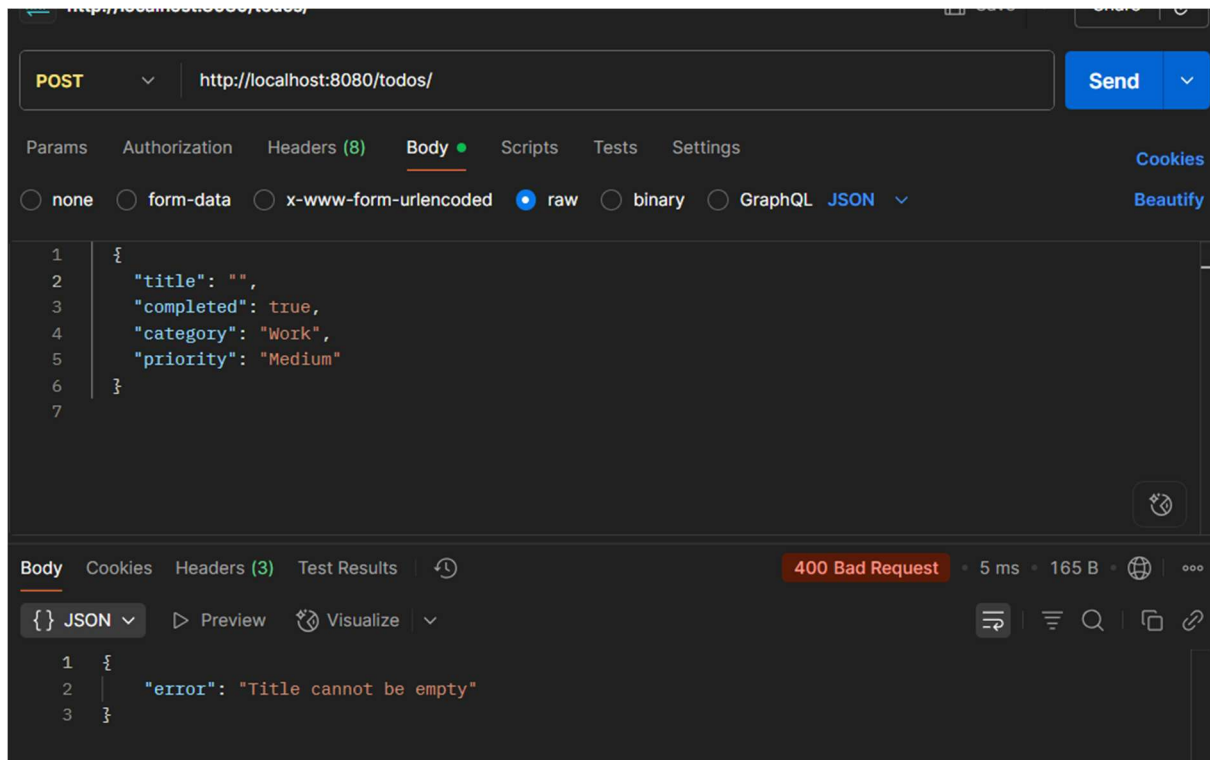
POST request complete, successful response



POST request not complete, gives invalid JSON as the “category” field is missing

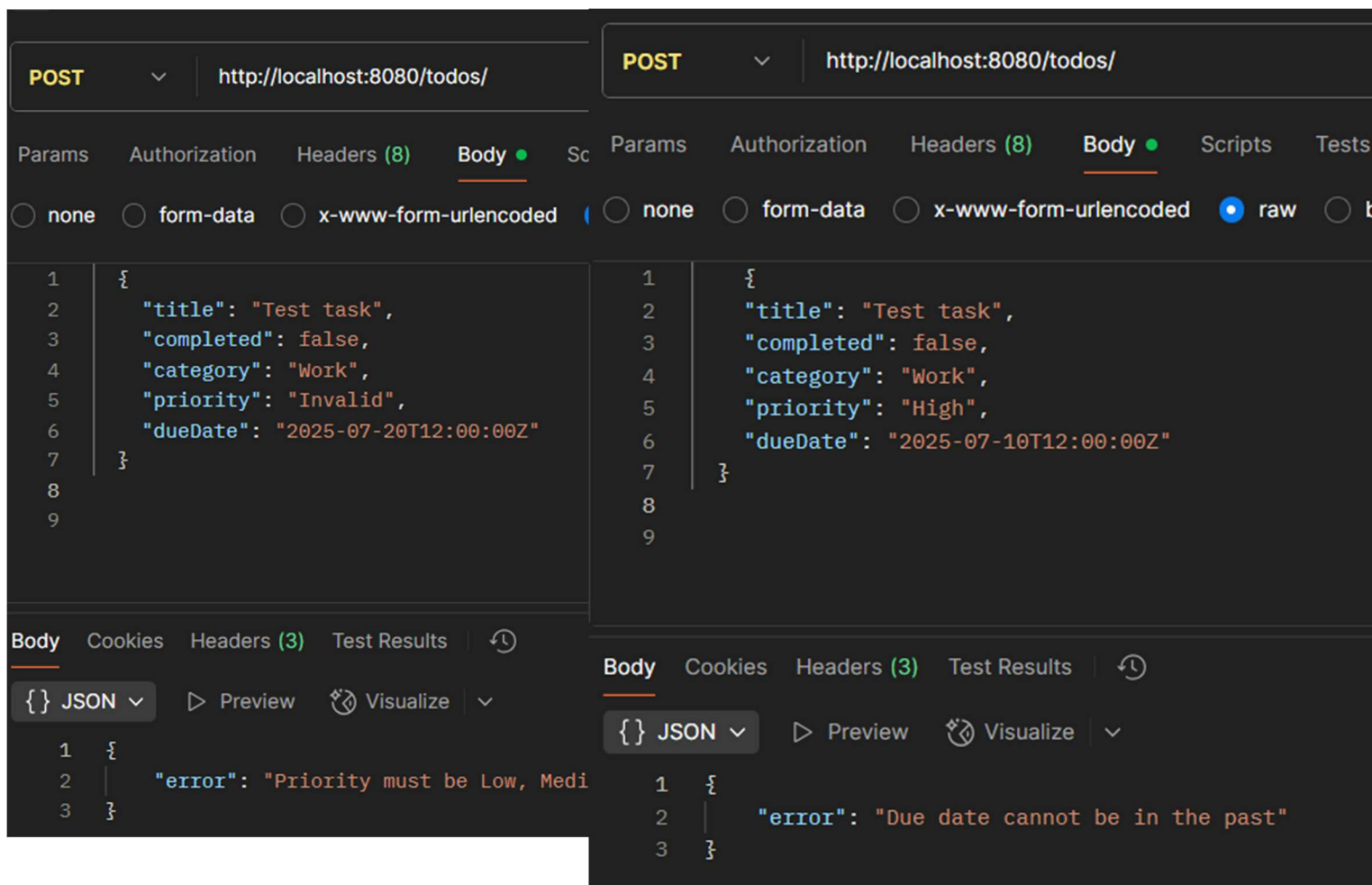


Title empty, returns Bad Request

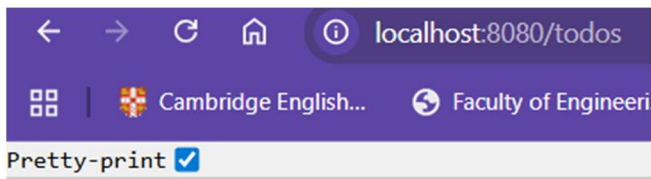


POST request with an invalid priority:

POST request with a past due date:



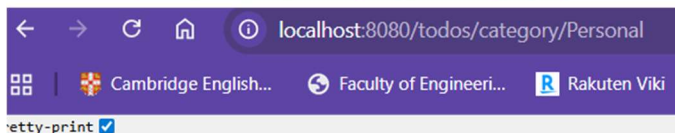
Test #2: Endpoint GET `/todos`



```
[
  {
    "id": 2,
    "title": "Sleep",
    "completed": false,
    "category": "Study",
    "priority": "High",
    "completedAt": null,
    "dueDate": "2025-07-20T12:00:00Z"
  },
  {
    "id": 3,
    "title": "Algorithms",
    "completed": false,
    "category": "Study",
    "priority": "Low",
    "completedAt": null,
    "dueDate": "2025-07-20T12:00:00Z"
  },
  {
    "id": 1,
    "title": "Basketball Training",
    "completed": true,
    "category": "Personal",
    "priority": "Medium",
    "completedAt": null,
    "dueDate": "2025-07-20T12:00:00Z"
  },
  {
    "id": 4,
    "title": "Complete Todo Project",
    "completed": true,
    "category": "Work",
    "priority": "High",
    "completedAt": null,
    "dueDate": "2025-07-20T12:00:00Z"
  }
]
```

Test #7: Endpoint

GET `/todos/category/:category`:

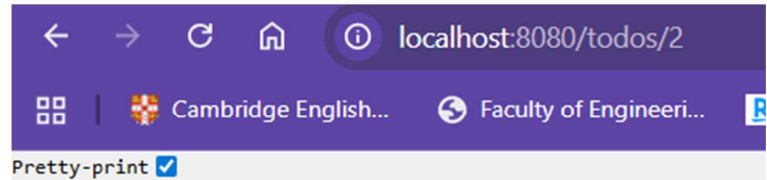


```
{
  "id": 1,
  "title": "Basketball Training",
  "completed": true,
  "category": "Personal",
  "priority": "Medium",
  "completedAt": null,
  "dueDate": "2025-07-20T12:00:00Z"
}
```

Test #3: Endpoint GET `/todos/:id`

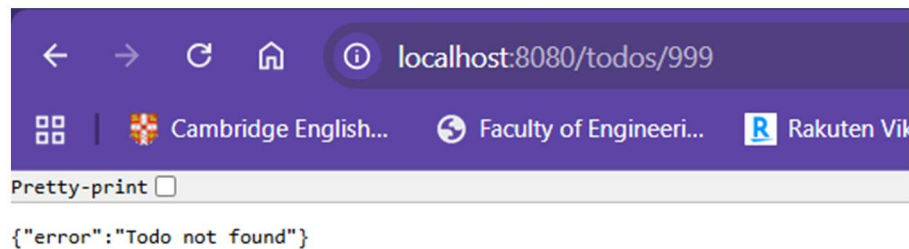
All todos successfully retrieved

Todo with id = 2 successfully retrieved



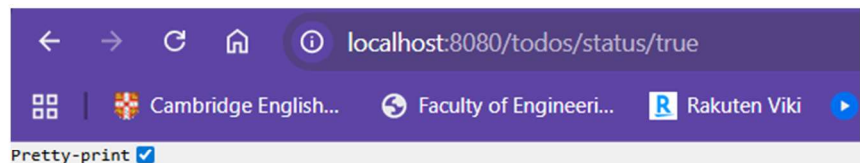
```
{
  "id": 2,
  "title": "Sleep",
  "completed": false,
  "category": "Study",
  "priority": "High",
  "completedAt": null,
  "dueDate": "2025-07-20T12:00:00Z"
}
```

Test #5: (non-existent ID)



Test #6: Endpoint

GET `/todos/status/:status`:



```
[
  {
    "id": 1,
    "title": "Basketball Training",
    "completed": true,
    "category": "Personal",
    "priority": "Medium",
    "completedAt": null,
    "dueDate": "2025-07-20T12:00:00Z"
  },
  {
    "id": 4,
    "title": "Complete Todo Project",
    "completed": true,
    "category": "Work",
    "priority": "High",
    "completedAt": null,
    "dueDate": "2025-07-20T12:00:00Z"
  }
]
```

Test #8 Endpoint GET `/todos/search`

GET

Params Authorization Headers (6) **Body** Scripts Tests Settings

☒ none ☐ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary

This request does not have a body

Body Cookies Headers (3) Test Results | 1:38 AM

{} JSON Preview Visualize

```
1 [
2   {
3     "id": 3,
4     "title": "Algo",
5     "completed": true,
6     "category": "Study",
7     "priority": "High",
8     "completedAt": "2025-09-06T18:26:37.191674Z",
9     "dueDate": "2025-07-20T12:00:00Z"
10  }
11 ]
```

Test #8 Endpoint PUT `/todos/category/:category`

PUT

Params Authorization Headers (8) **Body** Scripts Tests Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary

```
1 {
2   "title": "Basketball Training",
3   "completed": true,
4   "category": "Personal",
5   "priority": "Medium"
6 }
```

Body Cookies Headers (3) Test Results | 1:38 AM

{} JSON Preview Visualize

```
1 [
2   {
3     "id": 2,
4     "title": "Sleep",
5     "completed": true,
6     "category": "Study",
7     "priority": "High",
8     "completedAt": "2025-09-06T18:26:37.191674Z",
9     "dueDate": "2025-07-20T12:00:00Z"
10  },
11  {
12    "id": 3,
13    "title": "Algo",
14    "completed": true,
15    "category": "Study",
16    "priority": "High",
17    "completedAt": "2025-09-06T18:26:37.191674Z",
18    "dueDate": "2025-07-20T12:00:00Z"
19  }
20 ]
```

PUT

Params Authorization Headers (8) **Body** Scripts Tests Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary

```
1 {
2   "title": "Basketball Training",
3   "completed": true,
4   "category": "Personal",
5   "priority": "Medium"
6 }
```

Body Cookies Headers (3) Test Results | 1:38 AM

{} JSON Preview Visualize

```
1 {
2   "id": 1,
3   "title": "Basketball Training",
4   "completed": true,
5   "category": "Personal",
6   "priority": "Medium",
7   "completedAt": "2025-09-06T23:31:18.8412079+03:00",
8   "dueDate": null
9 }
```

Test #9 Endpoint PUT `/todos/:id`

Test #9 Endpoint DELETE `/todos/:id`

The screenshot shows a REST client interface with the following details:

- Method:** DELETE
- URL:** http://localhost:8080/todos/9
- Body Type:** none (selected)
- Response Body (JSON):**

```
{  "message": "Todo deleted"}
```

Test#10: Invalid ID

The screenshot shows a REST client interface with the following details:

- Method:** DELETE
- URL:** http://localhost:8080/todos/100
- Body Type:** none (selected)
- Response Body (JSON):**

```
{  "error": "Todo not found, probably invalid ID"}
```