

The screenshot shows the Azure Functions Editor in Visual Studio Code. The left sidebar displays the Azure resources connected to the workspace, including an Azure subscription, several function apps, and a local workspace with a project named "end points". The main editor area shows a Python file named "UpdateProduct" with the following code:

```
import azure.functions as func
from azure.cosmos import CosmosClient
import os, json

def main(req: func.HttpRequest) -> func.HttpResponse:
    id = req.route_params.get("id")
    body = req.get_json()

    client = CosmosClient(os.getenv("COSMOS_URI"), credential=os.getenv("COSMOS_KEY"))
    container = client.get_database_client(os.getenv("COSMOS_DB")).get_container_client(os.getenv("COSMOS_CONTAINER"))

    try:
        item = container.read_item(id, id)
    except:
        return func.HttpResponse("Not Found", status_code=404)

    for k,v in body.items():
        item[k] = v

    container.replace_item(id, item)
```

The "TERMINAL" tab at the bottom shows the available endpoints:

- CreateProduct: [POST] http://localhost:7071/api/products
- DeleteProduct: [DELETE] http://localhost:7071/api/products/{id}
- GetProduct: [GET] http://localhost:7071/api/products/{id}
- ListAllProducts: [GET] http://localhost:7071/api/products
- updateProduct: [PUT] http://localhost:7071/api/products/{id}

A message at the bottom of the terminal indicates: "For detailed output, run func with --verbose flag."

The screenshot shows the Postman application interface. At the top, there's a header bar with 'POST' and a dropdown arrow, followed by the URL 'http://localhost:7071/api/products'. To the right of the URL is a blue 'Send' button. Below the header, there are tabs for 'Query', 'Headers 2', 'Auth', 'Body 1', 'Tests', and 'Pre Run', with 'Body 1' being the active tab. Under the 'Body' tab, there are options for 'JSON', 'XML', 'Text', 'Form', 'Form-encode', 'GraphQL', and 'Binary', with 'JSON' selected. The main area is titled 'JSON Content' and contains the following JSON code:

```
1 {  
2   "id": "p100",  
3   "name": "Wireless Mouse",  
4   "price": 249.5,  
5   "tags": ["peripherals", "wireless"]  
6 }
```

On the right side of the JSON content area, there's a 'Format' button.

Status: 201 Created Size: 7 Bytes Time: 1.03 s

Response Headers 5 Cookies Results Docs { } ≡

1 Created

Response Chart ↴

```
'x-ms-xp-role': '1'  
'x-ms-global-committed-lsn': '7'  
'x-ms-number-of-read-regions': '1'  
'x-ms-transport-request-id': '1'  
'x-ms-cosmos-lldsn': '8'  
'x-ms-cosmos-quorum-acked-lldsn': '7'  
'x-ms-session-token': '0:0#8#32=-1'  
'x-ms-request-duration-ms': '3.981'  
'x-ms-serviceversion': 'version=2.14.0.0'  
'x-ms-cosmos-physical-partition-id': '0'  
'x-ms-cosmos-internal-partition-id': 'REDACTED'  
'x-ms-gatewayversion': 'version=2.14.0'  
'Date': 'Tue, 25 Nov 2025 09:35:05 GMT'
```

[2025-11-25T09:35:05.585Z] Executed 'Functions.CreateProduct' (Succeeded, Id=19e4b2df-f73c-4b25-aea6-bd62e89d8bf7, Duration=88ms)

GET Send

Query Headers ² Auth Body ¹ Tests Pre Run

Query Parameters

<input checked="" type="checkbox"/> id	07e3329c-ac4e-42a9-b4ce-bf22b34b0149
<input type="checkbox"/> parameter	value

Status: 200 OK Size: 289 Bytes Time: 1.83 s

Response Headers ⁵ Cookies Results Docs { } ⚙

```
1  {
2      "id": "07e3329c-ac4e-42a9-b4ce-bf22b34b0149",
3      "name": "bhanu",
4      "age": 21,
5      "_rid": "e9ISANPubnkCAAAAAAAA==",
6      "_self": "dbs/e9ISAA==/colls/e9ISANPubnk=/docs
7          /e9ISANPubnkCAAAAAAAA==/",
8      "_etag": "\"00004e29-0000-2200-0000-69242e570000\"",
9      "_attachments": "attachments/",
10     "_ts": 1763978839
11 }
```

Response Chart ↻

GET Send

Status: 200 OK Size: 921 Bytes Time: 1.34 s

Query Headers² Auth Body¹ Tests Pre Run

Query Parameters

<input type="checkbox"/> parameter	value
------------------------------------	-------

Response Headers⁵ Cookies Results Docs

```
11     "_self": "dbs/oT5xAA==/colls/oT5xAJcZgc8=/docs
12         /oT5xAJcZgc8CAAAAAAAA==/",
13     "_etag": "\"0000a318-0000-2200-0000-6925422e0000\"",
14     "_attachments": "attachments/",
15     "_ts": 1764049454
16 },
17 {
18     "id": "p120",
19     "name": "Wireless Mouse",
20     "price": 300,
21     "tags": [
22         "peripherals",
23         "wireless"
24     ],
25     "rid": "oT5xAJcZgc8DAAAAAAA==",
26 }
```

Response Chart ↻

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS AZURE COMMENTS

```
'x-ms-documentdb-partitionkeyrangeid': '0'
'x-ms-xp-role': '1'
'x-ms-global-committed-lsn': '8'
'x-ms-number-of-read-regions': '1'
'x-ms-transport-request-id': '3122'
'x-ms-cosmos-llns': '8'
'x-ms-session-token': '0:0#8#32=-1'
'x-ms-request-duration-ms': '0.317'
'x-ms-serviceversion': 'version=2.14.0.0'
'x-ms-cosmos-physical-partition-id': '0'
'x-ms-cosmos-internal-partition-id': 'REDACTED'
'x-ms-gatewayversion': 'version=2.14.0'
'Date': 'Tue, 25 Nov 2025 09:35:44 GMT'
```

[2025-11-25T09:35:44.591Z] Executed 'Functions.ListAllProducts' (Succeeded, Id=a8fcaa76-f65a-41ea-aa20-ed7b8d675b08, Duration=1333ms)

PUT ▾ http://localhost:7071/api/products/p101 Send

Query Headers 2 Auth **Body 1** Tests Pre Run

JSON XML Text Form Form-encode GraphQL Binary

JSON Content Format

```
1 {  
2   "name": "Laptop"  
3 }  
4  
5 }
```

Status: 200 OK Size: 7 Bytes Time: 1.32 s

Response Headers 5 Cookies Results Docs { } ⚙

1 Updated Copy

Response Chart ↻

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS AZURE COMMENTS

```
'x-ms-xp-role': '1'  
'x-ms-global-Committed-lsn': '8'  
'x-ms-number-of-read-regions': '1'  
'x-ms-transport-request-id': '1'  
'x-ms-cosmos-llnsn': '9'  
'x-ms-cosmos-quorum-acked-llnsn': '8'  
'x-ms-session-token': '0:0#9#32=-1'  
'x-ms-request-duration-ms': '4.48'  
'x-ms-serviceversion': 'version=2.14.0.0'  
'x-ms-cosmos-physical-partition-id': '0'  
'x-ms-cosmos-internal-partition-id': 'REDACTED'  
'x-ms-gatewayversion': 'version=2.14.0'  
'Date': 'Tue, 25 Nov 2025 09:38:11 GMT'
```

[2025-11-25T09:38:11.115Z] Executed 'Functions.UpdateProduct' (Succeeded, Id=5c8a8c55-921b-4cd0-ba26-3b22a5110669, Duration=1307ms)

Generate Commit Message

⌚ Go Live 🔍 BLACKBOXAI: Open Chat 🌐 📰

The screenshot shows the Postman application interface. On the left, the request details are set: Method is 'DELETE', URL is 'http://localhost:7071/api/products/p120', and the 'Send' button is highlighted. Below the URL, tabs for 'Query', 'Headers 2', 'Auth', 'Body 1', 'Tests', and 'Pre Run' are visible, with 'Query' currently selected. The 'Body 1' tab shows a single parameter 'parameter' with value 'value'. On the right, the response details are shown: Status is '204 No Content', Size is '0 Bytes', and Time is '272 ms'. The 'Response' tab is active, showing a single character '1' as the response body. Other tabs like 'Headers 4', 'Cookies', 'Results', and 'Docs' are also present. At the bottom right, there are buttons for 'Response', 'Chart', and a settings icon.

DELETE ▼ http://localhost:7071/api/products/p120 Send

Status: 204 No Content Size: 0 Bytes Time: 272 ms

Query Headers 2 Auth Body 1 Tests Pre Run { } ⚙

Query Parameters

parameter value

Response Headers 4 Cookies Results Docs

1

Response Chart ↴

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS AZURE COMMENTS

[+] node + × [] ... ^ ×

```
'x-ms-xp-role': '1'  
'x-ms-global-Committed-lsn': '9'  
'x-ms-number-of-read-regions': '1'  
'x-ms-transport-request-id': '2'  
'x-ms-cosmos-llsn': '10'  
'x-ms-cosmos-quorum-acked-llsn': '9'  
'x-ms-session-token': '0:0#10#32=-1'  
'x-ms-request-duration-ms': '3.316'  
'x-ms-serviceversion': 'version=2.14.0.0'  
'x-ms-cosmos-physical-partition-id': '0'  
'x-ms-cosmos-internal-partition-id': 'REDACTED'  
'x-ms-gatewayversion': 'version=2.14.0'  
'Date': 'Tue, 25 Nov 2025 09:38:54 GMT'
```

[2025-11-25T09:38:54.387Z] Executed 'Functions.DeleteProduct' (Succeeded, Id=1d09bcde-65db-42dc-90a5-ac19ee0c4faf, Duration=267ms)

bhanucosmos21 | Data Explorer

Azure Cosmos DB account

Search New Item Update Discard Delete Upload Item

Overview Activity log Access control (IAM) Tags Diagnose and solve problems Quick start Data Explorer Mirroring in Fabric Container Copy Resource visualizer Settings Account Throughput Features Replicate data globally Default consistency Backup & Restore

+ New Container

Home Products.Items

SELECT * FROM c Type a query predicate (e.g., WHERE c.id='1'), or choose one from the drop down list, or leave empty to query all documents.

Apply Filter

Home bhanuDB Products Items Scale & Settings Stored Procedures User Defined Functions Triggers

/id p101 p100

1 {
2 "id": "p101",
3 "name": "Laptop",
4 "price": 350,
5 "tags": [
6 "peripherals",
7 "wireless"
8],
9 "_rid": "oT5xAJcZgc8CAAAAAAAA==",
10 "_self": "dbs/oT5xAA==/colls/oT5xAJcZgc8=/docs/oT5xAJcZgc8CAAAAAAAA==/",
11 "_etag": "\"0000e418-0000-2200-0000-692579030000\"",
12 "_attachments": "attachments/",
13 "_ts": 1764063491
14 }

Load more

0 0 0 0 0 0 | Reading item p101