

RESTful API Assignment

Manga REST API Report

- ◆ **Name:** Jhon Benedict Garcia
- ◆ **Course/Subject:** BSIT 3-4
- ◆ **Date:** 2-26-2025
- ◆ **GitHub Repository:** <https://github.com/InFeliouS/MangaAPI> 

API Endpoints & Specifications

HTTP Method	Endpoint	Description
GET	/manga	Get all manga
GET	/manga/:id	Get a specific manga by ID
POST	/manga	Add a new manga
PUT	/manga/:id	Update an existing manga
DELETE	/manga/:id	Delete a manga

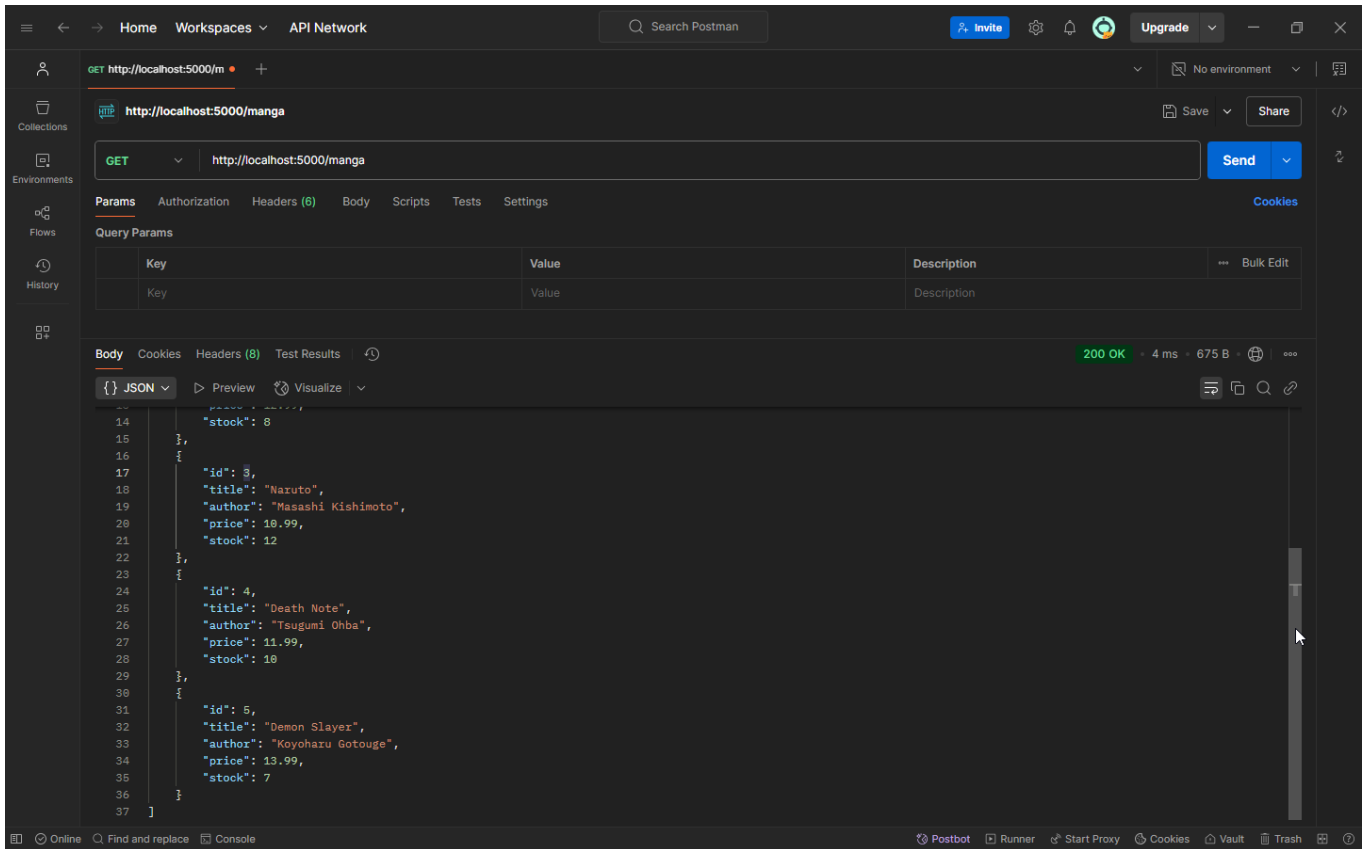


Code Snippets & Screenshots

GET All Manga

```
app.get("/manga", (req, res) => {
  res.json(manga);
});
```

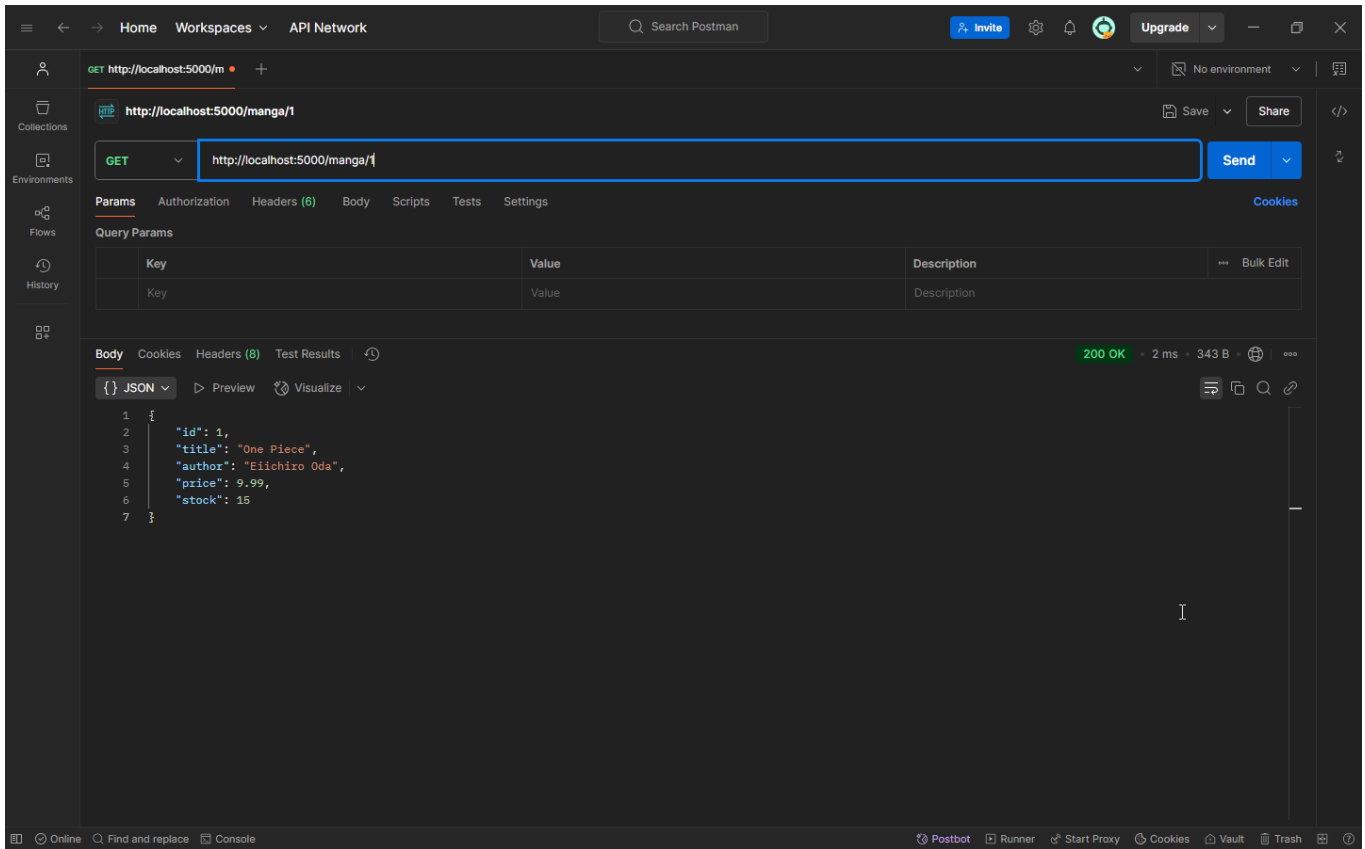
Screenshot:



GET a Specific Manga by ID

```
app.get("/manga/:id", (req, res) => {
  const selectedManga = manga.find(m => m.id ===
parseInt(req.params.id));
  selectedManga ? res.json(selectedManga) : res.status(404).json({
message: "Manga not found" });
});
```

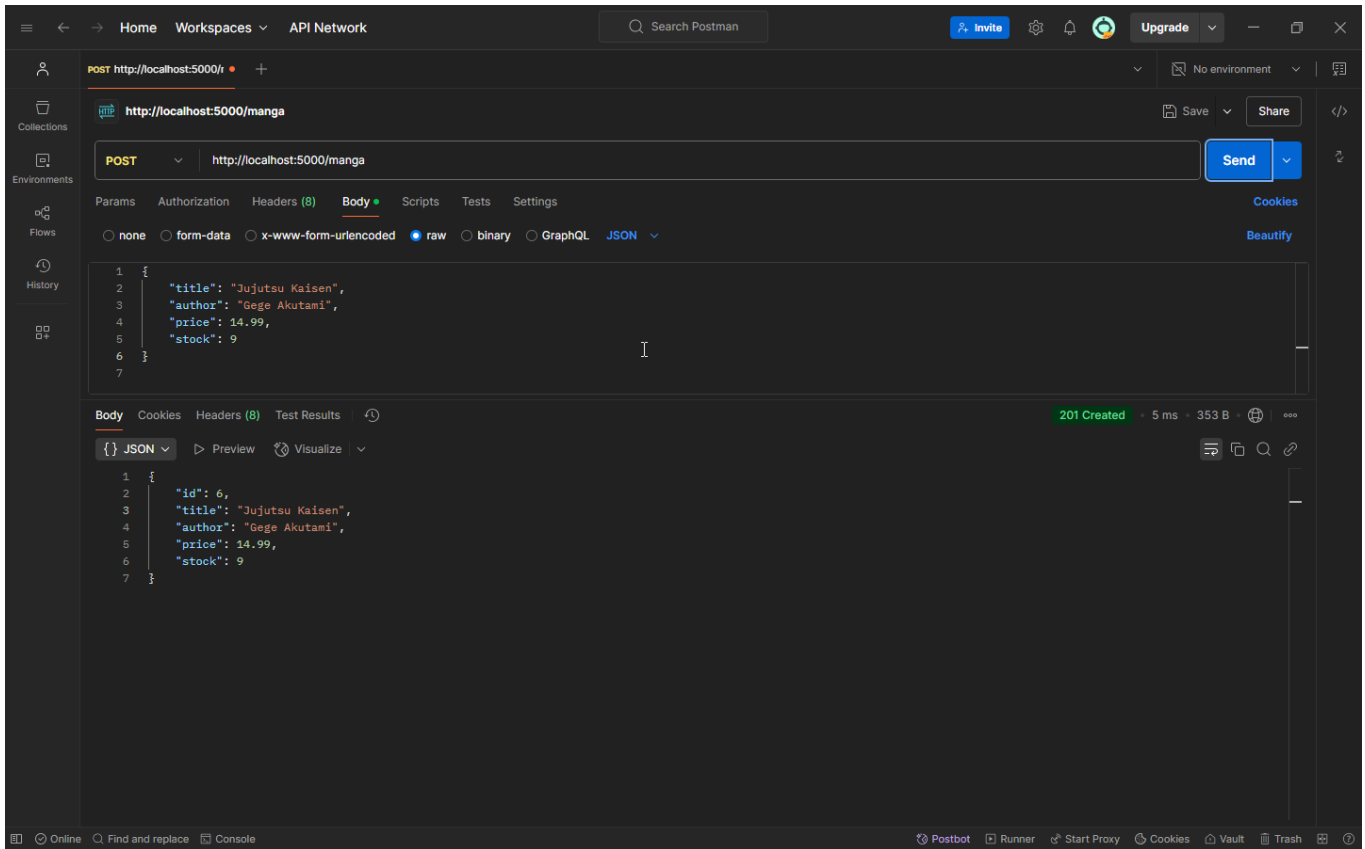
Screenshot:



POST (Add a New Manga)

```
app.post("/manga", (req, res) => {
  const newManga = { id: manga.length + 1, ... req.body };
  manga.push(newManga);
  res.status(201).json(newManga);
});
```

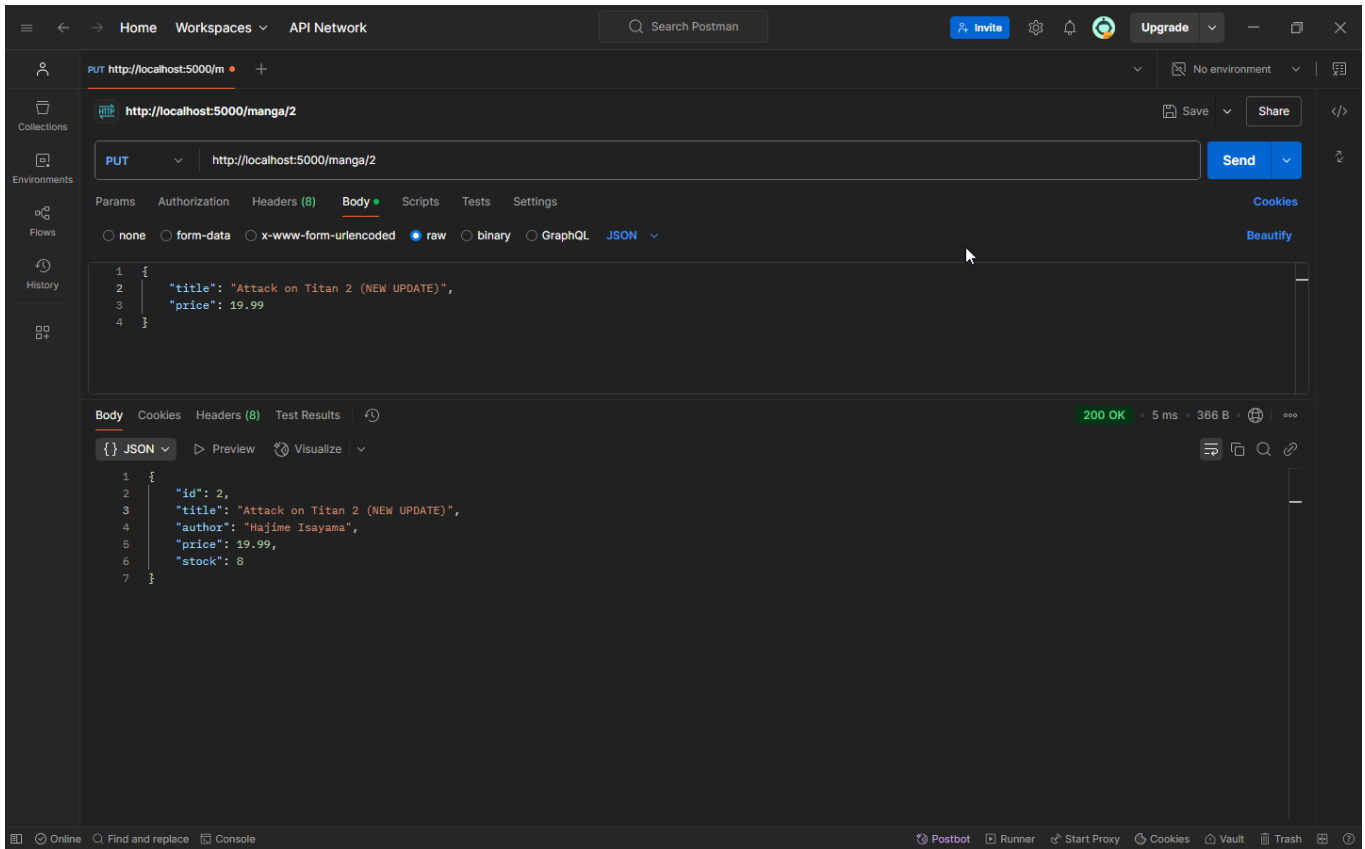
Screenshot:



PUT (Update a Manga)

```
app.put("/manga/:id", (req, res) => {
  const selectedManga = manga.find(m => m.id ===
parseInt(req.params.id));
  if (selectedManga) {
    Object.assign(selectedManga, req.body);
    res.json(selectedManga);
  } else {
    res.status(404).json({ message: "Manga not found" });
  }
});
```

Screenshot:



DELETE a Manga

```
app.delete("/manga/:id", (req, res) => {
  manga = manga.filter(m => m.id !== parseInt(req.params.id));
  res.json({ message: "Manga deleted" });
});
```

Screenshot:

