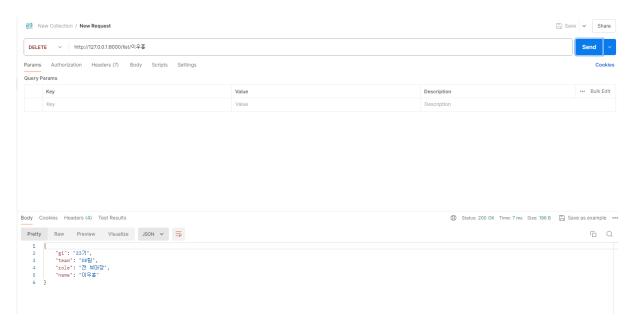


4.



5. 코드 내용

```
from fastapi import FastAPI, HTTPException
from pydantic import BaseModel
from typing import List, Dict
app = FastAPI()
class Data(BaseModel):
   gi: str
   team: str
   role: str
   name: str
# 전역 데이터 저장소
data_store: List[Data] = []
# POST 코드
@app.post("/list", response_model=List[Data])
def post_list():
   student_list = [
      Data(gi='23기', team='DE팀', role='전 부대장', name='이어흥'),
      Data(gi='24기', team='DE팀', role='팀장', name='임채림'),
      Data(gi='22기', team='DS팀', role='교육부장', name='김지훈'),
      Data(gi='24기', team='DE팀', role='부회장', name='조윤영'),
      Data(gi='24기', team='DS팀', role='회장', name='이동진')
   ]
   data_store.extend(student_list)
   return student_list
# GET 코드
@app.get("/list", response_model=List[Data])
def get_list():
   return data_store
```

```
# PUT 코드
@app.put("/list/{name}", response_model=Data)
def put_list(name: str, data: Data):
   for i, d in enumerate(data_store):
       if d.name == name:
          data_store[i] = data
          return data
   raise HTTPException(status_code=404, detail="Item not found")
# DELETE 코드
@app.delete("/list/{name}", response_model=Data)
def delete_list(name: str):
   for i, d in enumerate(data_store):
       if d.name == name:
          data_store.pop(i)
          return d
   raise HTTPException(status_code=404, detail="Item not found")
if __name__ == '__main__':
   import uvicorn
   uvicorn.run(app, host="localhost", port=8000, log_level="info")
```