Creating A Simple API

```python
#fastapi is a module which we have installed using pip
#This FastAPI which we are importing is a class
# We import this class so that we can create an instance of it
from fastapi import FastAPI


#create an app instance
# Here app variable will be the main point of interaction to create all your api

app = FastAPI()

#create a decorator to handle incoming post request
#create a function that handles the request and sends back some response
#here get is the path
# @ is the path operation decorator
#'/' here is the path which refers to the last part of URL
# path is also called an endpoint or a route
# get here is called as an operation, this is one of the HTTP methods.
# other such methods are post,put, delete, etc
# get is used to get a resource/ data from api
# def index here is called as a path operation function, this function will be called
# by fast api whenever it recieves a request to the URL '/' using a get operation.
@app.get('/')
def index():
    return 'Hello world'
# you can also return a dictionary, list or a string as well.

#running the app
```

```
#handling another path
@app.get('/property')
def property():
    return 'This is the property page'


#Returning JSON instead of simple string

@app.get('/movies')
def movies():
    return {'movie list':{'movie 1','movie 2','movie 3'}}
```

Running the application.

```
uvicorn main:app --reload
```

Handling another path

```
@app.get('/property')
def property():
    return 'This is the property page'
```

Returning JSON instead of a simple string

```
@app.get('/movies')
def movies():
    return {'movie list':{'movie 1','movie 2','movie 3'}}
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