***1 DJANGO BASICS TO LEARN RESTAPI***

* 1. ***GENERAL DJANGO TO JSON RESPONSE WITHOUT API***

1.1.1.GETALL Using Json

JsonResponse takes only Dict to convert to JSON Objects

### App Views.py

from **django**.**shortcuts** import **render**

from **django**.**shortcuts** import **HttpResponse**

from **Movieapp1**.**models** import \*

from **django**.**http** import **JsonResponse**

def **movie\_list**(request):

    movies\_query         = **MyMovie**.objects.**all**()     *### Queryset*

    movies\_query\_values  = movies\_query.**values**()     *### Queryset*

    movieslistofquery    = **list**(movies\_query\_values)  *###[ list of query]*

    moviesdictofdict     = {'movies':movieslistofquery} *## Dictionary*

*# JSONResponse Converts only PythonDict to JSON*

    return **JsonResponse**(moviesdictofdict)

**Input**

|  |  |  |
| --- | --- | --- |
| **Method/Url** | **Input** | **Output** |
| **GET**  **http://127.0.0.1:8000/movie/movies\_list/** |  | {"movies": [{"id": 1, "name": "Jailor", "description": "Crime,Thriller", "active": true}, {"id": 2, "name": "Indian", "description": "Corruption Crime", "active": true}]} |
| **GET**  **http://127.0.0.1:8000/movie/movies\_list/1/** |  | {"movie": "Jailor", "description": "Crime,Thriller", "active": true} |
| POST  <http://127.0.0.1:8000/movie/movies_create/> | {    "name":"Basha",    "description":"Drama",    "active":**true**    } | {      "id": 3,      "name": "Basha",      "description": "Drama",      "active": **true**  } |
| PUT | {      "id": 3,      "name": "Remo",      "description": "Drama",      "active": **true**  } |  |