HW 5

REST API

Postman practice

Practice with below examples (You can find any Open APIs on the internet):

- 5 GET APIs with different response type
- 5 Post API with json request body, please also paste the response here
- 3 PUT API with json request body, please also paste the response here
- 2 DELETE API
- Each example with 404, 401,500 and any http status codes you know

Example:

API-GET-1

API: GET https://ghibliapi.herokuapp.com/locations

API POST {{base_url}}/v2/checkout/orders

RequestBody: N/A, since it is GET

```
1   {
2       "intent": "CAPTURE",
3       "purchase_units": [
4           {
5               "items": [
6                   {
7                       "name": "T-Shirt",
8                       "description": "Green XL",
9                       "quantity": "1",
10                      "unit_amount": {
11                          "currency_code": "USD",
12                          "value": "100.00"
13                      }
14                  }
15              ],
16              "amount": {
17                  "currency_code": "USD",
18                  "value": "100.00",
19                  "breakdown": {
20                      "item_total": {
21                          "currency_code": "USD",
22                          "value": "100.00"
```

```
23                    }
24                  }
25                }
26              }
27          ],
28          "application_context": {
29              "return_url": "https://example.com/return",
30              "cancel_url": "https://example.com/cancel"
31          }
32  }
```

Response status: `200 OK`

Response:

```
1   [
2       {
3           "id": "11014596-71b0-4b3e-b8c0-1c4b15f28b9a",
4           "name": "Irontown",
5           "climate": "Continental",
6           "terrain": "Mountain",
7           "surface_water": "40",
8           "residents": [
9               "https://ghibliapi.herokuapp.com/people/ba924631-068e-4436-b6de-
    f3283fa848f0",
10              "https://ghibliapi.herokuapp.com/people/030555b3-4c92-4fce-93fb-
    e70c3ae3df8b"
11          ],
12          "films": [
13              "https://ghibliapi.herokuapp.com/films/0440483e-ca0e-4120-8c50-
    4c8cd9b965d6"
14          ],
15          "url": "https://ghibliapi.herokuapp.com/locations/11014596-71b0-4b3e-b8c0-
    1c4b15f28b9a"
16      },
17      {
18          "id": "64a996aa-481e-4627-9624-ab23f59a05a9",
19          "name": "Gutiokipanja",
20          "climate": "Continental",
21          "terrain": "Hill",
22          "surface_water": "50",
23          "residents": [
24              "https://ghibliapi.herokuapp.com/people/ba924631-068e-4436-b6de-
    f3283fa848f0",
25              "https://ghibliapi.herokuapp.com/people/030555b3-4c92-4fce-93fb-
    e70c3ae3df8b"
26          ],
```

```
27          "films": [
28              "https://ghibliapi.herokuapp.com/films/0440483e-ca0e-4120-8c50-
    4c8cd9b965d6"
29          ],
30          "url": "https://ghibliapi.herokuapp.com/locations/64a996aa-481e-4627-9624-
    ab23f59a05a9"
31      },
32      {
33          "id": "a8bd9c03-7c80-4a97-b7c0-6a668acaf576",
34          "name": "The Cat Kingdom",
35          "climate": "Continental",
36          "terrain": "Plain",
37          "surface_water": "30",
38          "residents": [
39              "https://ghibliapi.herokuapp.com/people/6b3facea-ea33-47b1-96ce-
    3fc737b119b8",
40              "https://ghibliapi.herokuapp.com/people/3042818d-a8bb-4cba-8180-
    c19249822d57",
41              "https://ghibliapi.herokuapp.com/people/58d1973f-f247-47d7-9358-
    e56cb0d2b5a6",
42              "https://ghibliapi.herokuapp.com/people/a3d8e70f-46a0-4e5a-b850-
    db01620d6b92",
43              "https://ghibliapi.herokuapp.com/people/fc196c4f-0201-4ed2-9add-
    c6403f7c4d32"
44          ],
45          "films": [
46              "https://ghibliapi.herokuapp.com/films/90b72513-afd4-4570-84de-
    a56c312fdf81"
47          ],
48          "url": "https://ghibliapi.herokuapp.com/locations/a8bd9c03-7c80-4a97-b7c0-
    6a668acaf576"
49      },
50      {
51          "id": "56e423c4-d9a1-44c4-8bdb-1cab45fbf63e",
52          "name": "The Marsh House",
53          "climate": "Mild",
54          "terrain": "Marsh",
55          "surface_water": "60",
56          "residents": [],
57          "films": [
58              "https://ghibliapi.herokuapp.com/films/5fdfb320-2a02-49a7-94ff-
    5ca418cae602"
59          ],
60          "url": "https://ghibliapi.herokuapp.com/locations/56e423c4-d9a1-44c4-8bdb-
    1cab45fbf63e"
61      },
62      {
63          "id": "660c8c91-bd92-43db-b475-b2df6ca96fec",
64          "name": "Hospital",
```

```
65          "climate": "Continental",
66          "terrain": "Hill",
67          "surface_water": "40",
68          "residents": [
69              "TODO"
70          ],
71          "films": [
72              "https://ghibliapi.herokuapp.com/films/58611129-2dbc-4a81-a72f-
    77ddfc1b1b49"
73          ],
74          "url": "https://ghibliapi.herokuapp.com/locations/660c8c91-bd92-43db-b475-
    b2df6ca96fec"
75      },
76      {
77          "id": "6ba60a86-7c74-4ec4-a6f4-7112b5705a2f",
78          "name": "Gondoa",
79          "climate": "TODO",
80          "terrain": "TODO",
81          "surface_water": "40",
82          "residents": [
83              "TODO"
84          ],
85          "films": [
86              "https://ghibliapi.herokuapp.com/films/2baf70d1-42bb-4437-b551-
    e5fed5a87abe"
87          ],
88          "url": "https://ghibliapi.herokuapp.com/locations/6ba60a86-7c74-4ec4-a6f4-
    7112b5705a2f"
89      },
90      {
91          "id": "fb083a4e-77b2-4623-a2e0-6bbca5bfd5b2",
92          "name": "Ursula's Log Cabin",
93          "climate": "TODO",
94          "terrain": "TODO",
95          "surface_water": "40",
96          "residents": [
97              "TODO"
98          ],
99          "films": [
100             "https://ghibliapi.herokuapp.com/films/ea660b10-85c4-4ae3-8a5f-
    41cea3648e3e"
101         ],
102         "url": "https://ghibliapi.herokuapp.com/locations/fb083a4e-77b2-4623-a2e0-
    6bbca5bfd5b2"
103     },
104     {
105         "id": "a072ec53-0467-4fac-864f-df234f9c4315",
106         "name": "Zeniba's Cottage",
107         "climate": "TODO",
```

```
108          "terrain": "TODO",
109          "surface_water": "40",
110          "residents": [
111              "TODO"
112          ],
113          "films": [
114              "https://ghibliapi.herokuapp.com/films/dc2e6bd1-8156-4886-adff-
        b39e6043af0c"
115          ],
116          "url": "https://ghibliapi.herokuapp.com/locations/a072ec53-0467-4fac-864f-
        df234f9c4315"
117      },
118      {
119          "id": "682df5c3-b09e-46af-94d1-ae0d17f9b4b6",
120          "name": "Bamboo Forest",
121          "climate": "Tropical",
122          "terrain": "Forest",
123          "surface_water": "10",
124          "residents": [
125              "TODO"
126          ],
127          "films": [
128              "https://ghibliapi.herokuapp.com/films/45204234-adfd-45cb-a505-
        a8e7a676b114",
129              "https://ghibliapi.herokuapp.com/films/578ae244-7750-4d9f-867b-
        f3cd3d6fecf4"
130          ],
131          "url": "https://ghibliapi.herokuapp.com/locations/682df5c3-b09e-46af-94d1-
        ae0d17f9b4b6"
132      },
133      {
134          "id": "26361a2c-32c6-4bd5-ae9c-8e40e17ae28d",
135          "name": "Pazu's Mines",
136          "climate": "Dry",
137          "terrain": "Hill",
138          "surface_water": "0",
139          "residents": [
140              "TODO"
141          ],
142          "films": [
143              "https://ghibliapi.herokuapp.com/films/2baf70d1-42bb-4437-b551-
        e5fed5a87abe"
144          ],
145          "url": "https://ghibliapi.herokuapp.com/locations/26361a2c-32c6-4bd5-ae9c-
        8e40e17ae28d"
146      },
147      {
148          "id": "42f787d8-1fcb-4d3d-82f2-a74409869368",
149          "name": "Shizuku's Apartment",
```

```
150          "climate": "Continental",
151          "terrain": "City",
152          "surface_water": "0",
153          "residents": [
154              "TODO"
155          ],
156          "films": [
157              "https://ghibliapi.herokuapp.com/films/ff24da26-a969-4f0e-ba1e-
     a122ead6c6e3"
158          ],
159          "url": "https://ghibliapi.herokuapp.com/locations/42f787d8-1fcb-4d3d-82f2-
     a74409869368"
160      },
161      {
162          "id": "0fafa7a3-64c1-43fe-881b-ecb605c01e09",
163          "name": "Laputa",
164          "climate": "Continental",
165          "terrain": "City",
166          "surface_water": "40",
167          "residents": [
168              "TODO"
169          ],
170          "films": [
171              "https://ghibliapi.herokuapp.com/films/2baf70d1-42bb-4437-b551-
     e5fed5a87abe"
172          ],
173          "url": "https://ghibliapi.herokuapp.com/locations/0fafa7a3-64c1-43fe-881b-
     ecb605c01e09"
174      },
175      {
176          "id": "0132f7f6-fd52-4ac3-b5df-c96b609f77b6",
177          "name": "Tedis",
178          "climate": "Continental",
179          "terrain": "Hill",
180          "surface_water": "30",
181          "residents": [
182              "TODO"
183          ],
184          "films": [
185              "https://ghibliapi.herokuapp.com/films/2baf70d1-42bb-4437-b551-
     e5fed5a87abe"
186          ],
187          "url": "https://ghibliapi.herokuapp.com/locations/0132f7f6-fd52-4ac3-b5df-
     c96b609f77b6"
188      },
189      {
190          "id": "c57fb2cb-ea85-4d73-8808-cf5dcd28c22e",
191          "name": "Koriko",
192          "climate": "Mild",
```

```
193            "terrain": "Hill",
194            "surface_water": "50",
195            "residents": [
196                "TODO"
197            ],
198            "films": [
199                "https://ghibliapi.herokuapp.com/films/ea660b10-85c4-4ae3-8a5f-
    41cea3648e3e"
200            ],
201            "url": "https://ghibliapi.herokuapp.com/locations/c57fb2cb-ea85-4d73-8808-
    cf5dcd28c22e"
202        },
203        {
204            "id": "615aa48d-8673-4117-b35a-79cb67af1897",
205            "name": "Forest",
206            "climate": "Tropical",
207            "terrain": "Forest",
208            "surface_water": "60",
209            "residents": [
210                "TODO"
211            ],
212            "films": [
213                "https://ghibliapi.herokuapp.com/films/0440483e-ca0e-4120-8c50-
    4c8cd9b965d6"
214            ],
215            "url": "https://ghibliapi.herokuapp.com/locations/615aa48d-8673-4117-b35a-
    79cb67af1897"
216        },
217        {
218            "id": "37d13a96-a03a-451d-8871-80be0495486e",
219            "name": "Bathhouse",
220            "climate": "Continental",
221            "terrain": "River",
222            "surface_water": "70",
223            "residents": [
224                "TODO"
225            ],
226            "films": [
227                "https://ghibliapi.herokuapp.com/films/dc2e6bd1-8156-4886-adff-
    b39e6043af0c"
228            ],
229            "url": "https://ghibliapi.herokuapp.com/locations/37d13a96-a03a-451d-8871-
    80be0495486e"
230        },
231        {
232            "id": "6fc21b76-78fb-4451-98f7-857e32a23e85",
233            "name": "Matsugo",
234            "climate": "Continental",
235            "terrain": "River",
```

```
236          "surface_water": "60",
237          "residents": [
238              "TODO"
239          ],
240          "films": [
241              "https://ghibliapi.herokuapp.com/films/58611129-2dbc-4a81-a72f-
     77ddfc1b1b49"
242          ],
243          "url": "https://ghibliapi.herokuapp.com/locations/6fc21b76-78fb-4451-98f7-
     857e32a23e85"
244      },
245      {
246          "id": "dbeeaecb-7817-4b8b-90ca-edc432d3033e",
247          "name": "Taeko's House",
248          "climate": "Continental",
249          "terrain": "River",
250          "surface_water": "40",
251          "residents": [
252              "TODO"
253          ],
254          "films": [
255              "https://ghibliapi.herokuapp.com/films/4e236f34-b981-41c3-8c65-
     f8c9000b94e7"
256          ],
257          "url": "https://ghibliapi.herokuapp.com/locations/dbeeaecb-7817-4b8b-90ca-
     edc432d3033e"
258      },
259      {
260          "id": "34df8f25-8f80-4823-8f01-bf9852039987",
261          "name": "Piccolo S.P.A.",
262          "climate": "Continental",
263          "terrain": "River",
264          "surface_water": "40",
265          "residents": [
266              "TODO"
267          ],
268          "films": [
269              "https://ghibliapi.herokuapp.com/films/ebbb6b7c-945c-41ee-a792-
     de0e43191bd8"
270          ],
271          "url": "https://ghibliapi.herokuapp.com/locations/34df8f25-8f80-4823-8f01-
     bf9852039987"
272      },
273      {
274          "id": "62346d33-caa0-4c17-8016-0aca56f3066b",
275          "name": "Karikiya",
276          "climate": "Mild",
277          "terrain": "City",
278          "surface_water": "30",
```

```
279          residents : [
280              "TODO"
281          ],
282          "films": [
283              "https://ghibliapi.herokuapp.com/films/ea660b10-85c4-4ae3-8a5f-
     41cea3648e3e"
284          ],
285          "url": "https://ghibliapi.herokuapp.com/locations/62346d33-caa0-4c17-8016-
     0aca56f3066b"
286      },
287      {
288          "id": "ee897b2a-405e-42b9-bff4-8b51b0f03cab",
289          "name": "Satsuki's School House",
290          "climate": "Mild",
291          "terrain": "River",
292          "surface_water": "60",
293          "residents": [
294              "TODO"
295          ],
296          "films": [
297              "https://ghibliapi.herokuapp.com/films/58611129-2dbc-4a81-a72f-
     77ddfc1b1b49"
298          ],
299          "url": "https://ghibliapi.herokuapp.com/locations/ee897b2a-405e-42b9-bff4-
     8b51b0f03cab"
300      },
301      {
302          "id": "90241c46-d4be-411f-b00a-7561b9dda7b6",
303          "name": "Fujimoto's Underwater Harbor",
304          "climate": "Wet",
305          "terrain": "Ocean",
306          "surface_water": "100",
307          "residents": [
308              "TODO"
309          ],
310          "films": [
311              "https://ghibliapi.herokuapp.com/films/758bf02e-3122-46e0-884e-
     67cf83df1786"
312          ],
313          "url": "https://ghibliapi.herokuapp.com/locations/90241c46-d4be-411f-b00a-
     7561b9dda7b6"
314      },
315      {
316          "id": "469b14bd-5565-4436-bbed-c2036f42cc99",
317          "name": "Himawari Nursery School",
318          "climate": "Mild",
319          "terrain": "Ocean",
320          "surface_water": "50",
321          "residents": [
322              "TODO"
```

```
322                TODO
323            ],
324            "films": [
325                "https://ghibliapi.herokuapp.com/films/758bf02e-3122-46e0-884e-
    67cf83df1786"
326            ],
327            "url": "https://ghibliapi.herokuapp.com/locations/469b14bd-5565-4436-bbed-
    c2036f42cc99"
328        },
329        {
330            "id": "b6bac992-a858-4d57-8477-9652d73caaa1",
331            "name": "Ingary",
332            "climate": "Mild",
333            "terrain": "Hill",
334            "surface_water": "30",
335            "residents": [
336                "TODO"
337            ],
338            "films": [
339                "https://ghibliapi.herokuapp.com/films/cd3d059c-09f4-4ff3-8d63-
    bc765a5184fa"
340            ],
341            "url": "https://ghibliapi.herokuapp.com/locations/b6bac992-a858-4d57-8477-
    9652d73caaa1"
342        },
343        {
344            "id": "398e3e1e-9912-4eb6-91fe-a9f8b932b67d",
345            "name": "St. Morwald's Home for Children",
346            "climate": "Mild",
347            "terrain": "City",
348            "surface_water": "",
349            "residents": [
350                "https://ghibliapi.herokuapp.com/people/2d66e2eb-5a74-4721-a5b3-
    c556497bdb66",
351                "https://ghibliapi.herokuapp.com/people/835f8c7c-2fc6-4f54-b545-
    c02ab066cd69"
352            ],
353            "films": [
354                "https://ghibliapi.herokuapp.com/films/790e0028-a31c-4626-a694-
    86b7a8cada40"
355            ],
356            "url": "https://ghibliapi.herokuapp.com/locations/398e3e1e-9912-4eb6-91fe-
    a9f8b932b67d"
357        }
358    ]
```