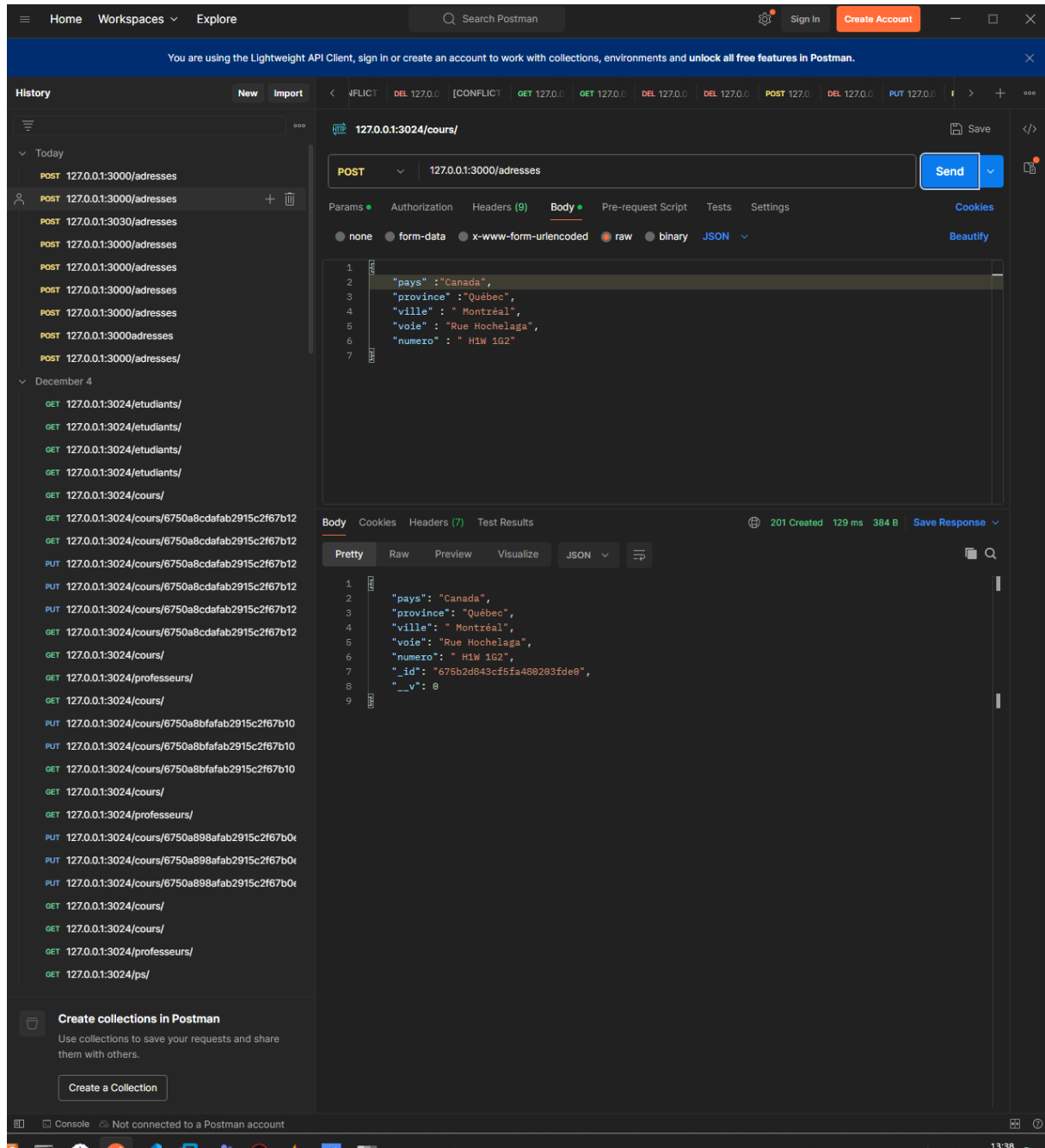


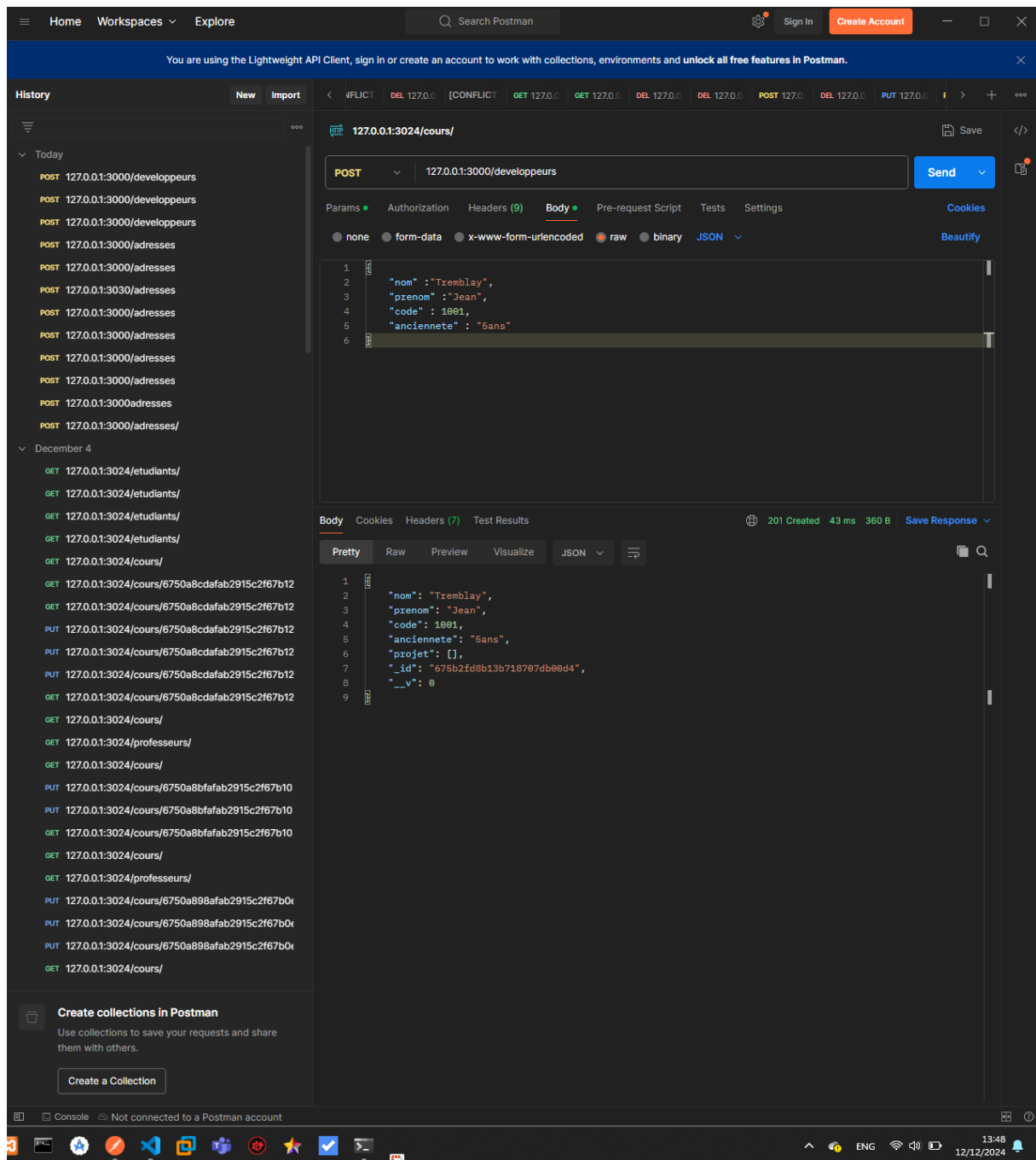
Khadim AW

Capture projet final node-js

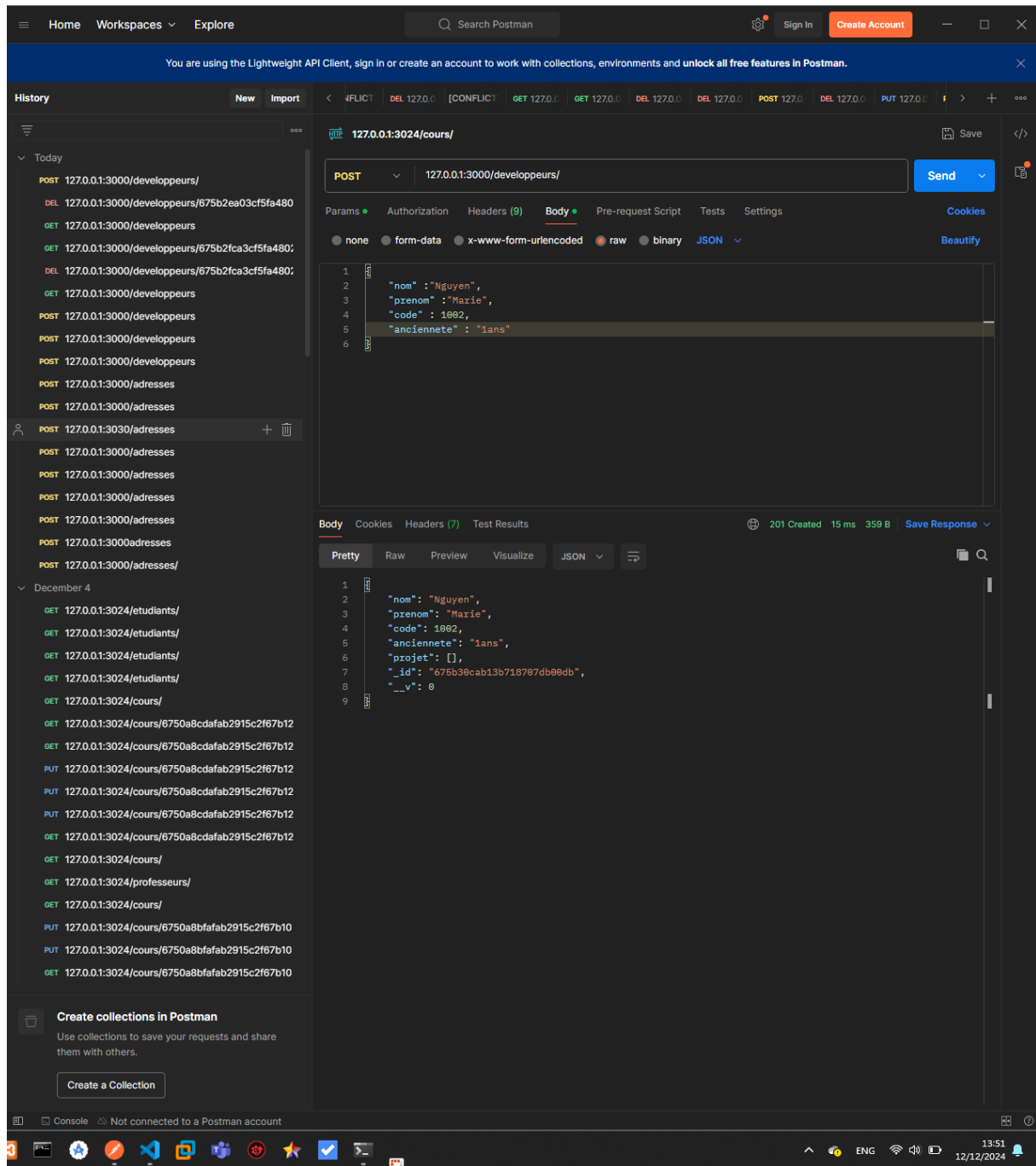
a.



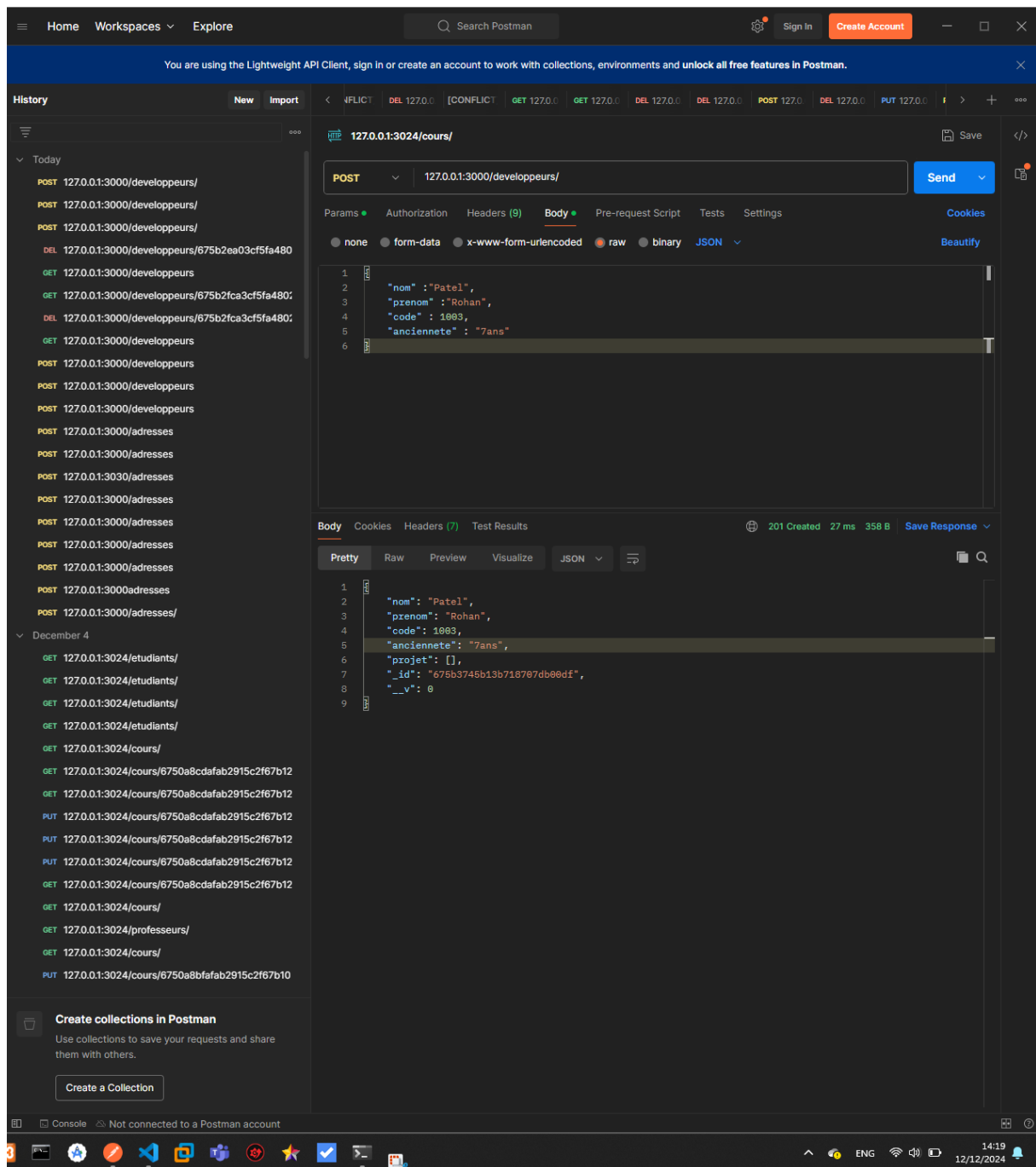
b.i



b.ii



b.iii



c.i

The screenshot displays the Postman application interface. At the top, there's a navigation bar with 'Home', 'Workspaces', and 'Explore' tabs, along with a search bar and user account options. Below this, a blue banner informs the user about the 'Lightweight API Client' and offers a 'Sign In' or 'Create Account' option.

The main interface is divided into three primary sections:

- History (Left Panel):** A list of recent API requests categorized by date. Under 'Today', there are several POST requests to '127.0.0.1:3000/developpeurs' and '127.0.0.1:3000/developpeurs/'. Under 'December 4', there are GET requests to '127.0.0.1:3024/etudiants/' and '127.0.0.1:3024/cours/'.
- Request Editor (Center):** The active request is a POST to '127.0.0.1:3000/developpeurs'. The 'Body' tab is selected, showing a JSON payload:

```
{  "titre": "API REST du backend",  "progres": "6%",  "deadline": "2024-06-30",  "developpeurs": "675b2fd8b13b718707db00d4"}
```
- Response (Bottom):** The 'Body' tab is selected, showing a JSON response:

```
{  "titre": "API REST du backend",  "progres": "6%",  "deadline": "2024-06-30",  "developpeur": [],  "_id": "675b30d7b13b718707db00e2",  "__v": 0}
```

At the bottom of the interface, there's a 'Console' panel showing 'Not connected to a Postman account' and a system tray with various icons and the date/time '14:26 12/12/2024'.

C.ii

The screenshot displays the Postman API client interface. The top navigation bar includes 'Home', 'Workspaces', and 'Explore' tabs, along with a search bar and a 'Create Account' button. A blue banner at the top states: 'You are using the Lightweight API Client, sign in or create an account to work with collections, environments and unlock all free features in Postman.'

The left sidebar shows a 'History' panel with a list of recent requests, categorized by 'Today' and 'December 4'. The main panel displays a POST request to the endpoint `127.0.0.1:3000/developpeurs`. The request body is a JSON object:

```
{  "titre": "SPA en react",  "progres": "6%",  "deadline": "2024-08-15",  "developpeurs": "675b39cab13b718707db0e4b"}
```

The response is displayed in the bottom panel, showing a 201 status code (Created) with a response time of 14 ms and a body of 362 B. The response body is a JSON object:

```
{  "titre": "SPA en react",  "progres": "6%",  "deadline": "2024-08-15",  "developpeur": [],  "_id": "675b39cab13b718707db0e4b",  "__v": 0}
```

The bottom status bar shows the system clock at 14:28 on 12/12/2024, along with various system icons and a 'Not connected to a Postman account' message.

ciii

The screenshot displays the Postman application interface. At the top, there's a navigation bar with 'Home', 'Workspaces', and 'Explore' tabs, along with a search bar and 'Sign In'/'Create Account' buttons. Below this, a blue banner states: 'You are using the Lightweight API Client, sign in or create an account to work with collections, environments and unlock all free features in Postman.'

The main interface is divided into three panels. The left panel shows a 'History' list of requests, categorized by 'Today' and 'December 4'. The center panel is the request editor, currently showing a POST request to '127.0.0.1:3000/developpeurs'. The 'Body' tab is selected, showing a JSON payload:

```
{  "titre": "Application Mobile en Android",  "progres": "0%",  "deadline": "2024-10-01",  "developpeurs": "675b3745b13b7187e7db0e6d"}
```

. The right panel shows the response, which is a 201 Created status with a response time of 14 ms and a body of 379 B. The response body is displayed in the 'Pretty' tab, showing a JSON object:

```
{  "titre": "Application Mobile en Android",  "progres": "0%",  "deadline": "2024-10-01",  "developpeur": [],  "_id": "675b39d4b13b7187e7db0e6e",  "__v": 0}
```

At the bottom of the interface, there's a 'Create collections in Postman' section with a 'Create a Collection' button. The bottom status bar shows 'Console', 'Not connected to a Postman account', and the system clock indicating 14:30 on 12/12/2024.

d.

The screenshot displays the Postman application interface. At the top, there's a navigation bar with 'Home', 'Workspaces', and 'Explore' options, along with a search bar and 'Sign In'/'Create Account' buttons. A blue banner at the top states: 'You are using the Lightweight API Client, sign in or create an account to work with collections, environments and unlock all free features in Postman.'

The main interface is divided into three panels:

- History Panel (Left):** Lists recent API requests categorized by date. Under 'Today', there are several POST requests to endpoints like `127.0.0.1:3000/entreprise`, `127.0.0.1:3000/entreprises`, `127.0.0.1:3000/projets`, and `127.0.0.1:3000/developpeurs`. Under 'December 4', there are GET requests to `127.0.0.1:3024/etudiants/` and `127.0.0.1:3024/cours/`.
- Request Editor Panel (Center):** Shows a POST request to `127.0.0.1:3000/entreprise`. The 'Body' tab is selected, showing a JSON payload:

```
{  "nom" : "Teccart-Software",  "dateCreation" : "2822",  "developpeurs" : ["675b2fd8b13b718787db88d4", "675b38cab13b718787db88db", "675b3745b13b718787db88df"],  "projets" : ["675b38d7b13b718787db88e2", "675b396eb13b718787db88e4", "675b39d4b13b718787db88e6"]}
```
- Response Panel (Bottom):** Shows the response body, which is currently empty (status 201 Created).

At the bottom of the window, there's a taskbar with various application icons and a system tray showing the time as 14:36 on 12/12/2024.

2.a

The screenshot displays the Postman API client interface. The top navigation bar includes 'Home', 'Workspaces', and 'Explore' tabs, along with a search bar and a 'Create Account' button. A blue banner at the top states: 'You are using the Lightweight API Client, sign in or create an account to work with collections, environments and unlock all free features in Postman.'

The left sidebar shows a 'History' panel with a list of recent requests. The main workspace is set to a 'PUT' request to the URL '127.0.0.1:3000/developpeurs'. The request body is a JSON object:

```
{
  "developpeur": [
    "675b2fd8b13b718707db00d4",
    "675b3745b13b718707db00df"
  ]
}
```

The right sidebar shows the 'Body' tab selected, displaying the JSON response in a 'Pretty' format:

```
{
  "_id": "675b38d7b13b718707db00e2",
  "titre": "API REST du backend",
  "progres": "0%",
  "deadline": "2024-06-30",
  "developpeur": [
    "675b2fd8b13b718707db00d4",
    "675b3745b13b718707db00df"
  ],
  "__v": 0
}
```

The bottom status bar shows the response status as '200 OK' with a response time of '12 ms' and a size of '417 B'. The system tray at the bottom indicates the time as '14:42' on '12/12/2024'.

2.b

The screenshot displays the Postman API client interface. The top navigation bar includes 'Home', 'Workspaces', and 'Explore' tabs, along with a search bar and 'Sign In'/'Create Account' buttons. A notification banner states: 'You are using the Lightweight API Client, sign in or create an account to work with collections, environments and unlock all free features in Postman.'

The left sidebar shows a 'History' panel with a list of recent requests. The main workspace is configured for a PUT request to the endpoint `127.0.0.1:3000/developpeurs`. The request body is a JSON object:

```
{  "progres": "88%"}
```

The response panel at the bottom shows a successful status of 200 OK, with a response time of 12 ms and a body size of 375 B. The response body is a JSON object:

```
{  "_id": "675b39d4b13b718707db00e6",  "titre": "Application Mobile en Android",  "progres": "88%",  "deadline": "2024-10-01",  "developpeur": [],  "__v": 0}
```

The bottom status bar indicates the system time is 14:43 on 12/12/2024.

2.c

The screenshot displays the Postman API client interface. The top navigation bar includes 'Home', 'Workspaces', and 'Explore' tabs, along with a search bar and a 'Create Account' button. A blue banner at the top states: 'You are using the Lightweight API Client, sign in or create an account to work with collections, environments and unlock all free features in Postman.'

The left sidebar shows a 'History' panel with a list of recent requests. The main panel displays a 'DELETE' request to the endpoint '127.0.0.1:3000/developpeurs'. The request body is empty. The 'Body' tab is selected, showing a '204 No Content' response with a status of '13 ms' and a size of '134 B'. The 'Send' button is visible in the top right of the request editor.

At the bottom, there is a 'Create collections in Postman' section with a 'Create a Collection' button. The bottom status bar shows the system tray with various icons and the date/time '14:45 12/12/2024'.