

## REST API assignment

- 1) Name : Rapin
- 2) REST API curl command or URL address to enter at the web browse:

URL : <https://api.chess.com/pub/player/gothamchess/stats>

Curl command : curl <https://api.chess.com/pub/player/gothamchess/stats>

- 3) Example output data that you have obtained:



```
{
  "chess_daily": {
    "last": {
      "rating": 1889,
      "date": 1575757961,
      "rd": 243
    },
    "best": {
      "rating": 2124,
      "date": 1512968014,
      "game": "https://www.chess.com/game/daily/176171512"
    },
    "record": {
      "win": 10,
      "loss": 1,
      "draw": 0,
      "time_per_move": 58165,
      "timeout_percent": 0
    }
  },
  "chess_rapid": {
    "last": {
      "rating": 2442,
      "date": 1673034052,
      "rd": 117
    },
    "best": {
      "rating": 2525,
      "date": 1599767699,
      "game": "https://www.chess.com/game/live/41876404771"
    },
    "record": {
      "win": 88,
      "loss": 15,
      "draw": 4
    }
  },
  "chess_bullet": {
```

Example Data in Chrome

```
Command Prompt
Microsoft Windows [Version 10.0.22000.1455]
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C:\Users\USER> curl https://api.chess.com/pub/player/gothamchess/stats
{"chess_daily":{"last":{"rating":1889,"date":1575757961,"rd":243},"best":{"rating":2124,"date":1512968014,"game":"https://www.chess.com/game/daily/176171512"},"record":{"win":10,"loss":1,"draw":0,"time_per_move":58165,"timeout_percent":0}},
"chess_rapid":{"last":{"rating":2442,"date":1673034052,"rd":117},"best":{"rating":2525,"date":1599767699,"game":"https://www.chess.com/game/live/41876404771"},"record":{"win":88,"loss":15,"draw":4}},
"chess_bullet":{"last":{"rating":2816,"date":1675031270,"rd":43},"best":{"rating":3058,"date":1604260103,"game":"https://www.chess.com/game/live/4270453884"},"record":{"win":5880,"loss":3719,"draw":538}},
"chess_blitz":{"last":{"rating":2738,"date":1675031872,"rd":24},"best":{"rating":2862,"date":1673370589,"game":"https://www.chess.com/game/live/62096944447"},"record":{"win":8302,"loss":4823,"draw":909}},
"tactics":{"highest":{"rating":3365,"date":1620655662},"lowest":{"rating":1189,"date":1535331650}},
"puzzle_rush":{"best":{"total_attempts":67,"score":64}}
C:\Users\USER>
```

Example Data in command prompt

4) One paragraph describing what data you have obtained:

The data obtained from the API are about the current stats, the best rating achieved game, record of wins and losses, summary of tournaments participated in, and other stats in each chess category of a specified user, which is Levy Rozman who also known as gothamchess in this case, collected from chess.com website. The data also include stats from tactics, lessons, and Puzzle Rush score.

5) URL linking to the REST API reference document:

URL: <https://www.chess.com/news/view/published-data-api#pubapi-endpoint-titled>

Notes : the URL links also provides other functions that can fetch different data other than player stats.