Detector Inspector

Detector Inspector – Engineer Evaluation

We have a little coding task below for you to complete before we meet next time. When you are done let's get together to discuss and maybe make some changes in real time.

The task is to:
- Write a program in NodeJS/PHP/Python (or another language of your choice)
- The program should accept a URL and give back an image file
- The input is any Wikipedia URL
  - e.g. https://en.wikipedia.org/wiki/Women%27s_high_jump_world_record_progression
- The program then attempts to scan the page for a table
- In the table it tries to find a numeric column
- It then plots the numbers on an image as a chart and then writes it to a file

Keep it simple and **document any assumptions** or changes to the spec you make.
We will also need instructions on how to run your program.

A few areas we are paying attention to are:
- Holistic approach to the problem
- Evidence of TDD
- Best practices
- Valuable comments

That's it. Please don't spend more than a few hours on it.
If you're worried about the time, it's best to focus on demonstrating your plan on how you were going to solve the problem.

A **sample** table from Wikipedia:

Record progression [edit]

Height	Athlete	Date	Place
1.46 m (4 ft 9$\frac{1}{2}$ in)	Nancy Voorhees (USA)	20 May 1922	Simsbury[1]
1.485 m (4 ft 10$\frac{1}{2}$ in)	Elizabeth Stine (USA)	26 May 1923	Leonia[1]
1.485 m (4 ft 10$\frac{1}{2}$ in)	Sophie Eliott-Lynn (GBR)	6 August 1923	Brentwood[1]
1.524 m (5 ft 0 in)	Phyllis Green (GBR)	11 July 1925	London[1]
1.552 m (5 ft 1$\frac{1}{8}$ in)	Phyllis Green (GBR)	2 August 1926	London[1]
1.58 m (5 ft 2$\frac{1}{4}$ in)	Ethel Catherwood (CAN)	6 September 1926	Regina[1]
1.58 m (5 ft 2$\frac{1}{4}$ in)	Lien Gisolf (NED)	3 July 1928	Brussels[1]
1.595 m (5 ft 2$\frac{3}{4}$ in)	Ethel Catherwood (CAN)	5 August 1928	Amsterdam[1]
1.605 m (5 ft 3$\frac{1}{4}$ in)	Lien Gisolf (NED)	18 August 1929	Maastricht[1]
1.62 m (5 ft 3$\frac{3}{4}$ in)	Lien Gisolf (NED)	12 June 1932	Amsterdam[1]
1.65 m (5 ft 5 in)	Jean Shiley (USA)	7 August 1932	Los Angeles[1]
1.65 m (5 ft 5 in)	Mildred Didrikson (USA)	7 August 1932	Los Angeles[1]
1.66 m (5 ft 5$\frac{3}{8}$ in)	Dorothy Odam (GBR)	29 May 1939	Brentwood[1]
1.66 m (5 ft 5$\frac{3}{8}$ in)	Esther van Heerden (South Africa)	29 March 1941	Stellenbosch[1]
1.66 m (5 ft 5$\frac{3}{4}$ in)	Ilsebill Pfenning (SUI)	27 July 1941	Lugano[1]