MAD LIBS

WL Hack Club

intro to ruby

some differences

- It's even more like English
- Easier syntax, parenthesis are optional
- Uses blocks, so indentation isn't required

getting started

create your project in repl.it

Create a new **Ruby** project in `repl.it`.

Creating Files

Create a file called "`madlib.txt`", this is where you will put your madlib prompt.

For places that you want input, wrap the parts of speech in square brackets.

For example, if you want an adjective then type `[adjective]`.

```
1    WL Hack Club is a [adjective] organization. We [verb] projects like [noun], [noun], and [noun]. This is a very [adjective] and [adjective] project.
```

Loading the Prompt

Now open the "`main.rb`" file.

Read from our prompt file and store it into the variable "`madlib`".

```
1    madlib = File.open('madlib.txt').read
2
```

Printing the Prompt

"Put" the prompt on to the screen.

\n - new line

#{madlib} - print out the madlib variable.

```
2
3    puts "Prompt:\n#{madlib}"
4
```

Find the Pattern

Find the expressions in the prompt that has the pattern.

```
5    match_expression = /\[[A-Za-z ]+\]/
6    match_data = madlib.scan match_expression
```

Ask For User Input

For each of the matches, we ask for a user input.

```ruby
8      match_data.each do |word|
9        puts "\nenter a(n) #{word[1..-2]}:"
10       madlib.sub! match_expression, gets.strip
11     end
12
```

Print the Final Data

Finally, we can print our final result.

```
12
13        puts "\nFinal Result:\n#{madlib}"
```

Check out our code
https://github.com/WLHackClub/MadLibs