

Ruby on Rails

Lab Exercise 10

1. Create a scaffold for a simple contacts application that collects:

- name
- address
- city
- state
- postal code
- phone
- cell
- email address

Create a test that checks to make sure that a contact cannot be saved without a name.

2. Run your test against our code and record the failure. Add the proper validations in your code to prevent a contact from being saved without a name. Run your test and record your success.
3. Create tests that assert a match for the postal code and email format.
4. Create a seed with 30 different data sets in it. Make sure that five of them won't pass your tests. Look at all of the results listed on your index page and make sure that the five bad rows were not entered.

Questions:

1. Why is it important to only include one assertion per test? What could go wrong if you included more than one?
2. Do a quick search on the internet and see if you can find 5 to 10 common test assertions and why people use them.
3. What is the value of seeding a database?
4. Using the web, determine if there is there a way to unseed a database. If so, how would you do it?
5. Why might it be important to write your validations before you seed your database?

