Questions based on the Udacity course "Data Wrangling with MongoDB", lession 5.

	1.	What	are	common	sources	of	dirty	data?
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· user entry errors
· poorty applied coding standards
· different schemas
· <u>legacy systems (encoded differently, with dish</u>
· evolving applications
· no unique identifiers
· data migration ((ost in transformation)
• programmer emor
· corruption in transmission

- 2. What are 5 measures for data quality?
 - 5. validity: conforms to a schema
 - 3. accuracy: conforms to gold standard
 - 1. completeness: all records? (hard to measure)
 - y. consistency: matches other data
 - 2. uniformity! some units (distance, weight, etc.)

guessed rank of difficulty (1= hardest)

3.	What is the suggested blueprint for cleaning?
	1. Church your data (preoroumnatically check quality => repo
	2. Create a data cleaning plan
	(a) identify courses (of dirty data)
	(b) define operations (that will correct data)
	(c) <u>test</u>
	3. Execute the plan
	4. manually correct remaining
	5. [go back to step 1] iterate, maybe 2+ times
4.	Auditing validity is about determining what the
	Constrainsts
	are on individual fields and checking to make sure the field values
	adhere to those
	-mandatory/unique fields (in online form)
	- foreign bey constraints
	- cross field constraints (stortday before end day)
	- datatype /range
	- regex
	- set membership/enum