Homework 2

Question 1 (100 points)

Due Friday 2015-01-30 at 11:59pm

Please follow the following steps to do homework 2

1. Select **<u>one (1)</u> artwork** from the data you scrapped from in the previous homework.

2. Show the **JSON/XML** for that artwork

3. Draw **RDF graph** using schema.org [1] or DublinCore [2] for the selected artwork. (Draw it manually on a paper, scan the paper and place the scanned image in your report)

4. Write the **Turtle** triples for your RDF graph (making sure you include the rdf:type and all the necessary prefixes for your namespaces)

5. Validate the **Turtle** file and translate your Turtle triples to RDF/XML format using a website called **any23.org.** You can copy and paste your Turtle triples into the text area provided on the webpage.

References:
[1] Schema.org http://schema.org
[2] DublinCore http://dublincore.org

Submission Instructions:
You need to write a report containing the following contents. Please start each item in its own page.

1. The JSON/XML for the selected artwork (10 points)
2. The RDF graph (30 points)
3. The Turtle triples (30 points)
4. The **screenshot** of the returned validated RDF/XML from any23.org (30 points)