ISIT315- Spring 2020- Lab Exercise 4

Write the semantic of the following OWL statements in plain English. Then compare your answers with the semantic explained at $\frac{\text{https://www.w3.org/TR/2004/REC-owl-guide-20040210/}}{\text{https://www.w3.org/TR/2004/REC-owl-guide-20040210/}}. Submit your answers (the completed table) via the Moodle link.}$

#	OWL Statements	Semantic
1	<pre><owl:class rdf:id="WhiteWine"></owl:class></pre>	
	<pre><owl:intersectionof rdf:parsetype="Collection"></owl:intersectionof></pre>	
	<pre><owl:class rdf:about="#Wine"></owl:class></pre>	
	<pre><owl:restriction> •</owl:restriction></pre>	T = 1
	<pre><owl:restriction> <owl:nnpropertssigning=ntasportpject <owl:hasvalue="" exam="" h="" rdf:fesource="#White"></owl:nnpropertssigning=ntasportpject></owl:restriction></pre>	leid
	<pre><owl:hasvalue rdf:fesource="#White"></owl:hasvalue> J</pre>	- - F
	<pre> ttps://powcoder.com <owl:class ;ps:="" powcoder.com<="" pre="" rdf:id="Fruit"></owl:class></pre>	
2	<pre><owl:class rdf:id="Fruit">PO:// PO W COULT COULT</owl:class></pre>	
	<pre><owl:unionof rdf:parsetype="Collection"></owl:unionof></pre>	
	<pre><owl:class rdf:about="#SweetFruit"></owl:class></pre>	
	<pre><owl:class <="" chat="" owl:unionof="" powcoder="" rdf:abouta"#what="" we=""></owl:class></pre>	
	<pre> Add \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \</pre>	
3	<pre><owl:class rdf:id="NonFrenchWine"></owl:class></pre>	
	<pre><owl:intersectionof rdf:parsetype="Collection"></owl:intersectionof></pre>	
	<pre><owl:class rdf:about="#Wine"></owl:class></pre>	
	<owl:class></owl:class>	
	<pre><owl:complementof></owl:complementof></pre>	
	<pre><owl:restriction></owl:restriction></pre>	
	<pre><owl:onproperty rdf:resource="#locatedIn"></owl:onproperty></pre>	
	<pre><owl:hasvalue rdf:resource="#FrenchRegion"></owl:hasvalue></pre>	
4	<pre><owl:class rdf:id="SweetFruit"></owl:class></pre>	

```
<rdfs:subClassOf rdf:resource="#EdibleThing" />
          </owl:Class>
          <owl:Class rdf:ID="NonSweetFruit">
           <rdfs:subClassOf rdf:resource="#EdibleThing" />
           <owl:disjointWith rdf:resource="#SweetFruit" />
          </owl:Class>
          <owl:Class rdf:ID="Fruit">
           <owl:unionOf rdf:parseType="Collection">
            <owl:Class rdf:about="#SweetFruit" />
            <owl:Class rdf:about="#NonSweetFruit" />
           </owl:unionOf>
          </owl:Class>
          <owl:class rd Assignment Project Exam Help</p>
5
           <rdfs:subClassOf>
            <owl:Restriction>
            <owl:onProperty rdf:reture=/#IDEWCOder.com
<owl:hasValue rdf:resource="#Dru"/>
            </owl:Restriction>
           </rdfs:subClassOf>
          </owl:Class>
<owl:Class rdf:ID="ViAtaged WeChat powcoder"</pre>
6
           <rdfs:subClassOf>
            <owl:Restriction>
             <owl:onProperty rdf:resource="#hasVintageYear"/>
             <owl:cardinality</pre>
          rdf:datatype="&xsd;nonNegativeInteger">1</owl:cardinality>
            </owl:Restriction>
           </rdfs:subClassOf>
          </owl:Class>
           <owl:Class rdf:ID="Wine">
           <rdfs:subClassOf rdf:resource="&food;PotableLiquid" />
           <rdfs:subClassOf>
            <owl:Restriction>
             <owl:onProperty rdf:resource="#hasMaker" />
             <owl:allValuesFrom rdf:resource="#Winery" />
```

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