

Assignment 2 – Final

Group Members:

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Assessment Item	Marks
2.1	24
2.2	12
3.1	16
3.2	8
Total	60

Assignment Questions:

Task 2 – XPath and JSON:

3.1

a)

/classes/class/instructors/instructor

b)

/classes/class[instructors/instructor = 'Grant']/title

c)

/classes/class/credits[@req = 'yes']/../@classID

d)

/classes/class[count(instructors/instructor) > 1]/title

3.2

```
{
  "classes": {
    "class": [
      {
        "classID": "CS115",
        "department": "ComputerScience",
        "instructors": {
          "instructor": ["Adams", "Dykes"]
        },
        "title": "Programming Concepts",
        "credits": {
          "req": "yes",
          "value": "3"
        }
      },
      {
        "classID": "CS205",
        "semester": "fall",
        "department": "ComputerScience",
        "instructors": {
          "instructor": ["Grant"]
        },
        "title": "JavaScript",
```

```
"credits": {
  "req": "yes",
  "value": "3"
},
{
  "classID": "CS255",
  "semester": "fall",
  "department": "ComputerScience",
  "instructors": {
    "instructor": ["Adams", "Grant", "Dykes"]
  },
  "title": "Java",
  "credits": {
    "req": "no",
    "value": "3"
  }
}
]
```