

Alternate inputs and outputs

```
<iframe width="800" height="600"
src="https://demo.webwork.rochester.edu/webwork2/html2xml?
  &answersSubmitted=0&
  &sourceFilePath=Library/FortLewis/Calc1/06-01-Antiderivatives-graphically/AF1/AF1.pg&
  &problemSeed=123567&
  &courseID=daemon_course&
  &userID=daemon&
  &course_password=daemon&
  &showSummary=1&
  &displayMode=MathJax&
  &problemIdentifierPrefix=102&
  &language=en&
  &outputformat=sticky">
</iframe>
```

- Using different input source encoded in the textbook using base64
 - No library is needed.
 - `sourceFilePath`—`problemSource` =base64 code....
- Use different output formats on server to customize presentation
 - ‘sticky’, ‘simple’, ‘standard’, ‘json’,
- file: part 1b

Summative example —record grades



```
<iframe width="800" height="400"
src="https://demo.webwork.rochester.edu/webwork2/UR102/Demo/5?
    &effectiveUser=jdoe&
    &user=jdoe&
    &passwd=jdoe&
    &templateName=simple">
</iframe>
```

- Need a course which the student is enrolled in to record grades
- Need restrictions on which problem the student has
- no need for problemSeed — that is supplied by the course
- templateName=simple — removes the navigation links (“system” is the default)
- downside!!!— password is being printed on the html page
- Solution: use sessionStorage — (file:part2a)