

Assignment #2

Build a Simple Addition Tool

In this exercise, you will use the Rappture Builder program to create your first tool. The goal is simple: Prompt the user for two numbers and add them together, producing a single number as an output value.

Start by launching a “workspace” tool on the hub. If this is your first time using Rappture within the workspace, invoke the “use” command to tell the hub that you want to use Rappture:

```
use rappture
```

```
Do you want to make “use rappture” persistent? (y/n) y
```

Now, invoke the Rappture builder:

```
rappture -builder
```

Within the builder, drag and drop the controls that you need for the inputs and outputs of this tool, and edit the properties of those controls. Edit the “tool” properties too, and be sure to pick your programming language. You can use any language that Rappture supports.

Save your tool.xml file and the skeleton file for your program. Modify the skeleton file to insert the code that adds the two input numbers and produces the output number. Be sure to use the variable names that you defined for the inputs/outputs in the builder.

Finally, run your new tool:

```
rappture
```

or

```
rappture -tool tool.xml
```

Verify that the tool is working properly by testing with various sets of numbers.

Your finished tool should look something like this:

