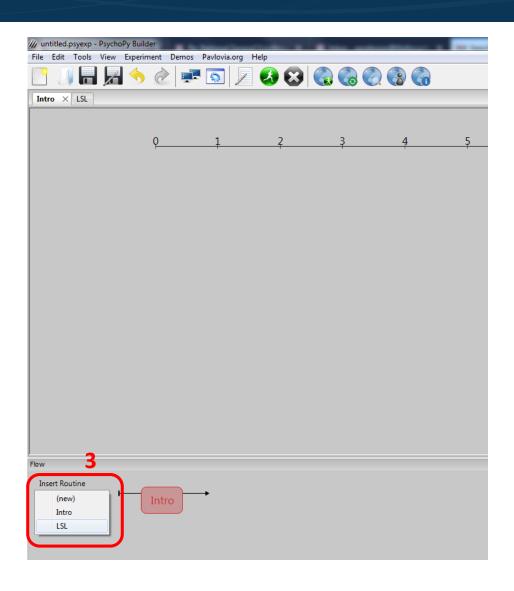


#### **Open the PsychoPy software**

- 1) Create a new routine by clicking on experiment tab
- Name the routine (in this example it is called "LSL")

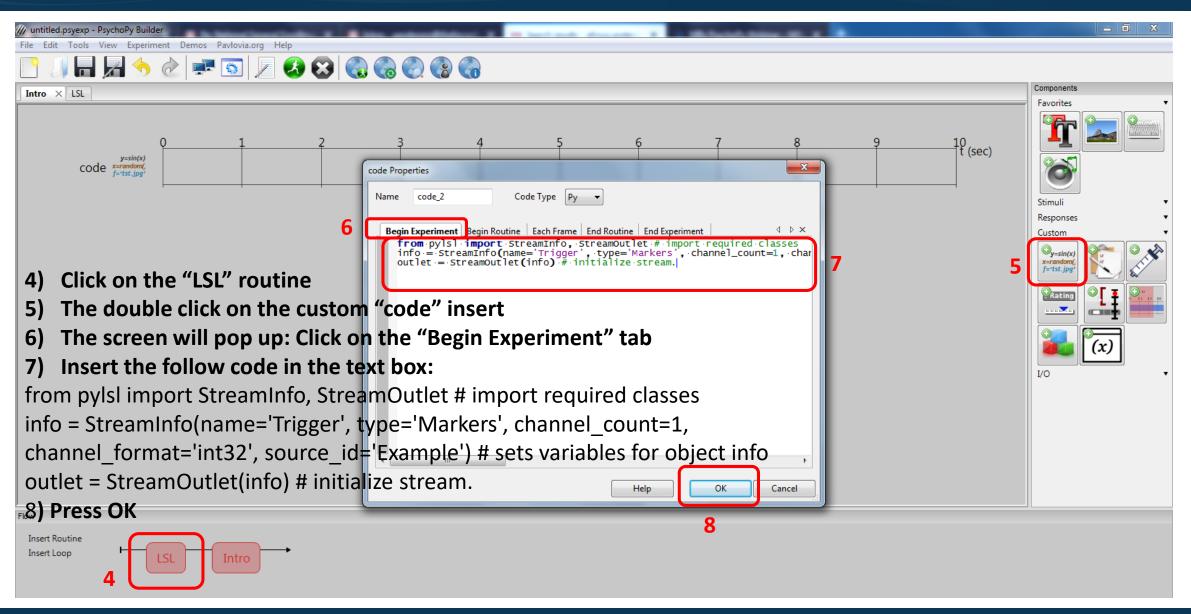




3) Click on Insert routine (bottom left) and click on "LSL"

This will insert the routine that was just created in the experiment design







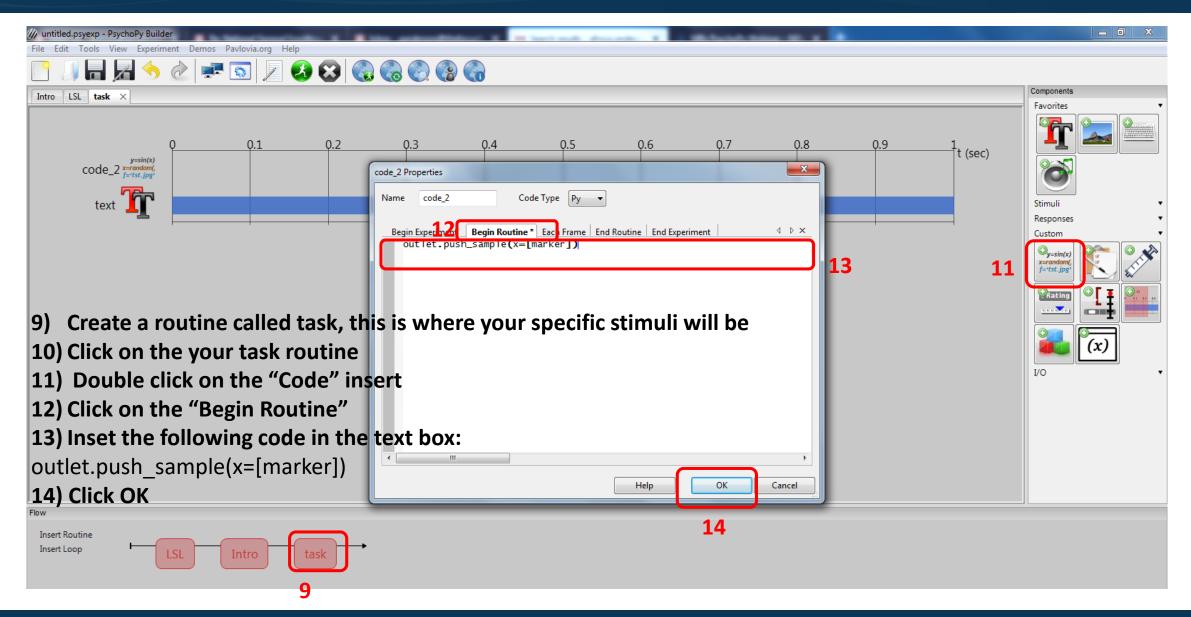
 Please ensure that the name "Trigger" is the same as the LSL trigger name in Aurora

from pylsl import StreamInfo, StreamOutlet # import required classes info = StreamInfo(name='Trigger', type='Markers', channel\_count=1, channel\_format='int32', source\_id='Example') # sets variables for object info outlet = StreamOutlet(info) # initialize stream.

• The previous code initializes the LSL connection

Ensure that the LSL routine is located before the start of your actual experiment





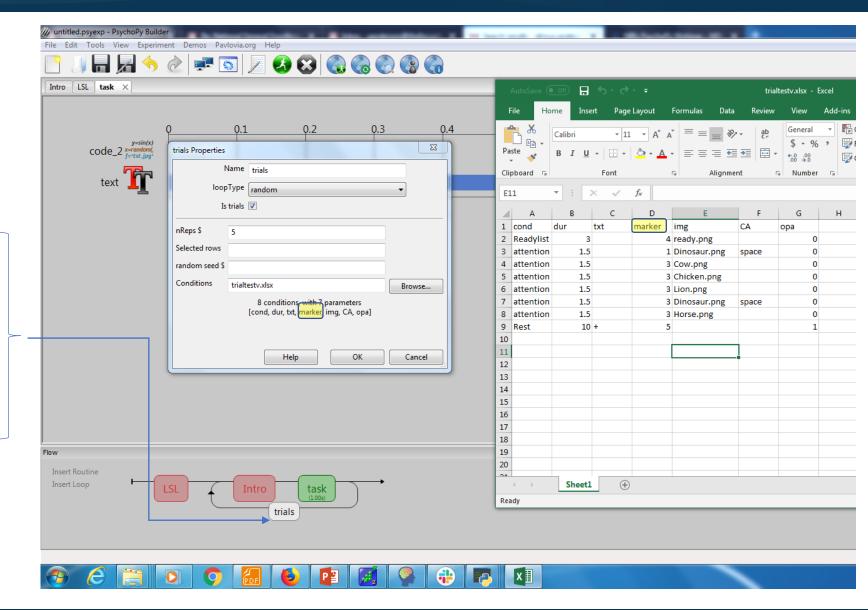


The name "marker" in the code line should match with the name of the parameter that you define in the excel sheet

outlet.push\_sample(x=[marker])

In this example, we have inserted the loop (called "trials"), where it reads the parameter and conditions from the excel file. The excel file can be located using the browse button in loop properties. Loop properties can be opened by clicking on the loop.

The parameter name in the excel file is defined as "marker". The code will use the numbers that are defined in the marker column (4, 1, 3...)







NIRX is a world-leader in providing integrated solutions for fNIRS neuro-imaging. In 1988 we introduced the concept of tomographic imaging (i.e., multi-distance measurements) in dense scattering media based on diffusely scattered light. This approach has since been widely adapted and has served to launch the modern-day field of fNIRS tomography.

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