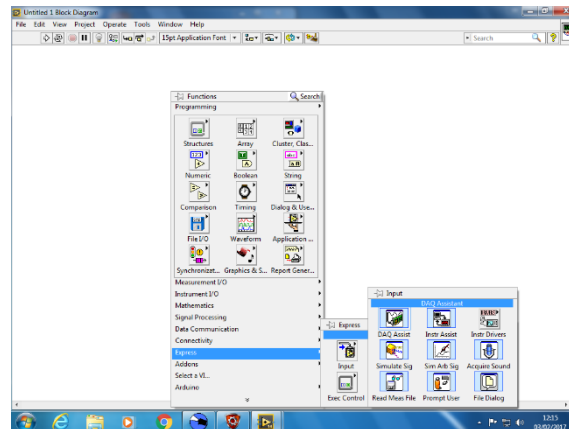
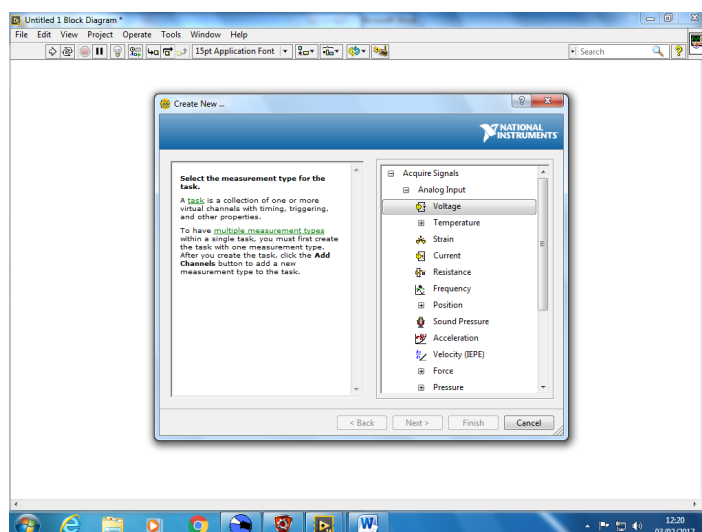
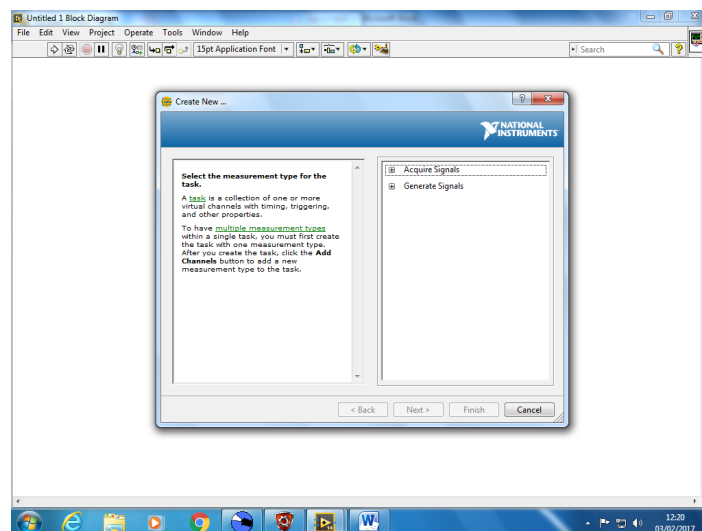


Set up the DAQ to read Data (an analog voltage) into LabVIEW

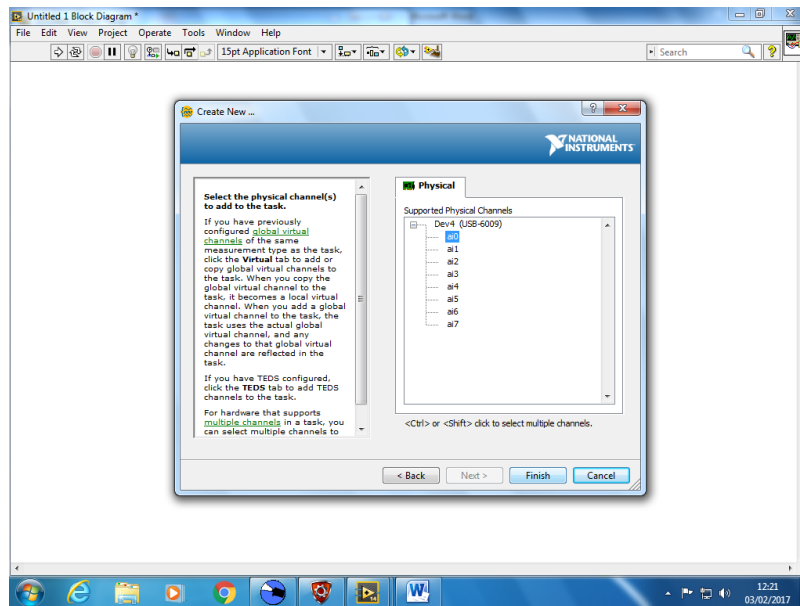
From the Functions palette Express Input select DAQ Assist



Set up the DAQ



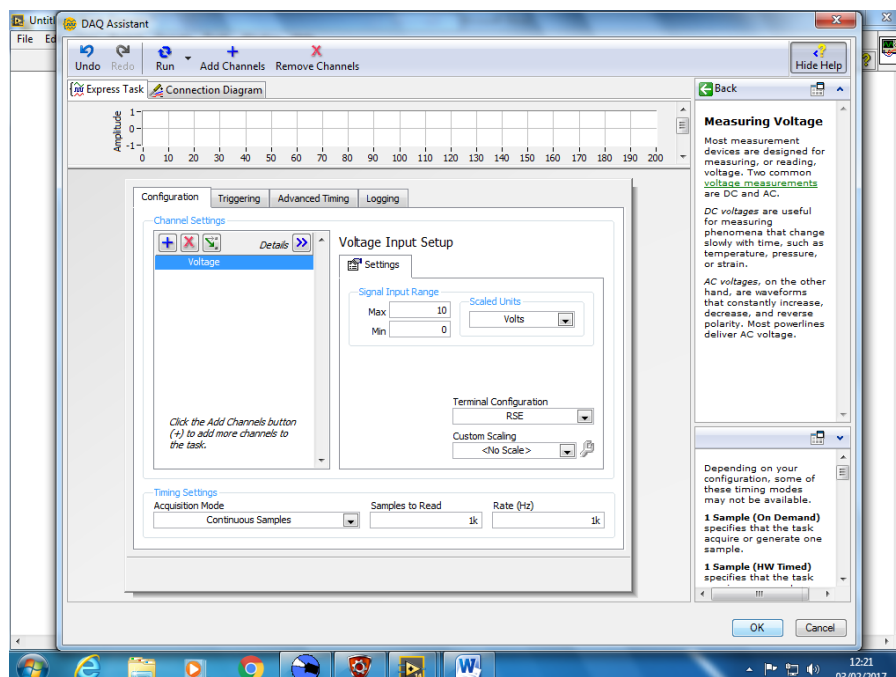
Choose the appropriate Analog input



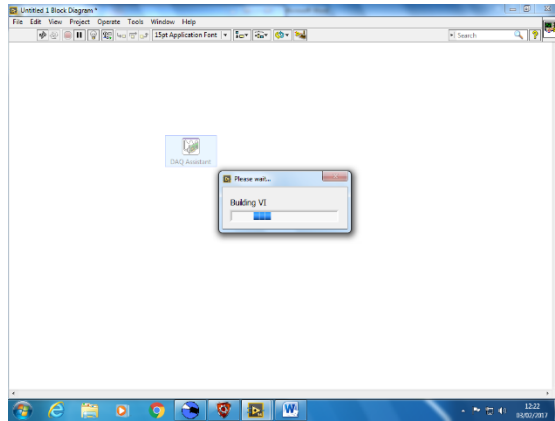
Set the terminal configuration to RSE (make sure that all grounds are connected together)

Set the Acquisition Mode to Continuous Samples (so that data is taken continuously)

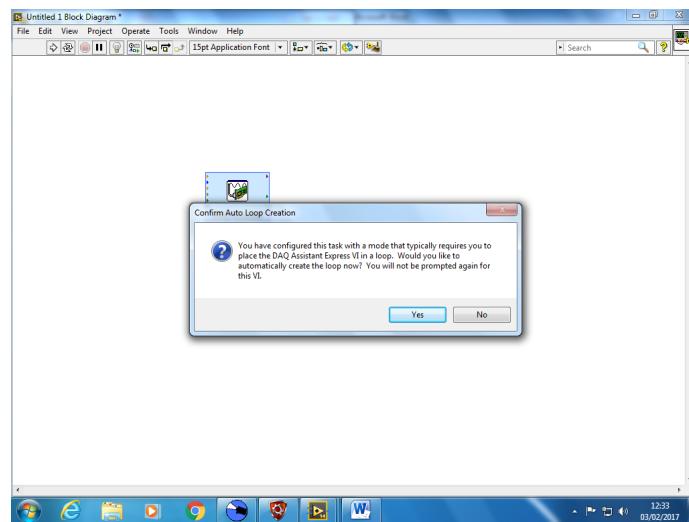
Set the samples to read to 50k and the rate to 50 k



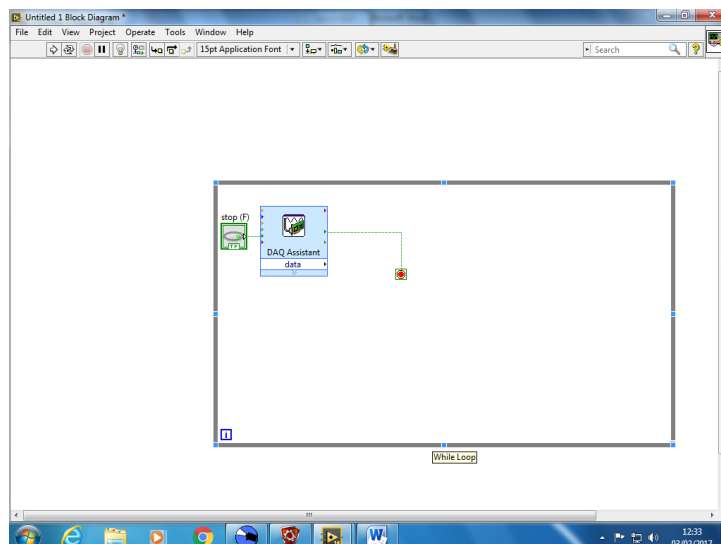
LabVIEW will now build the VI



For the VI to run in Continuous Mode a WHILE loop will have to be created; when prompted by LabVIEW click OK to set up the loop



Resize the loop



Check that the data (voltage) is being read by LabVIEW by connecting the output data to a waveform graph.