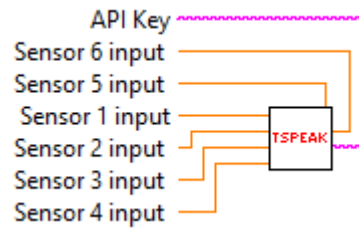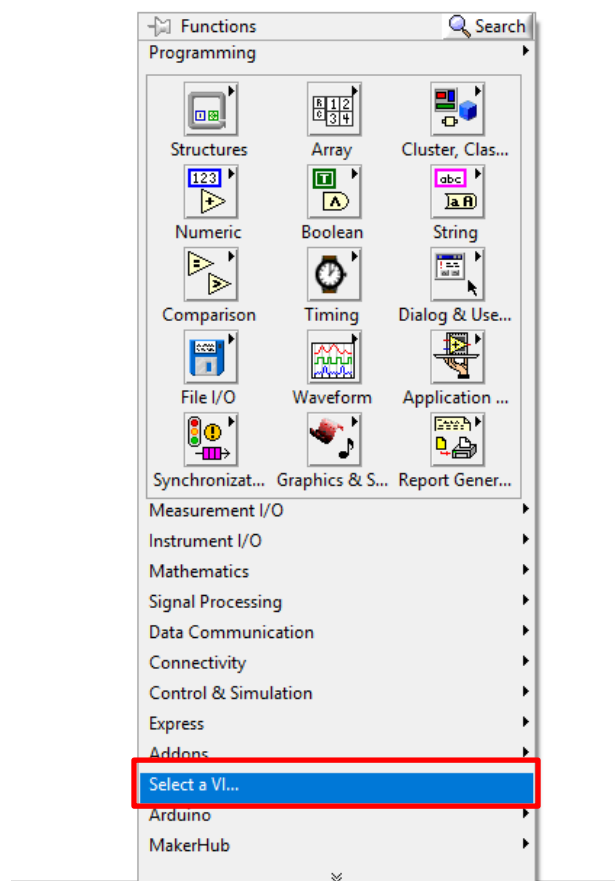This subsystem (Sub VI) is created to upload six readings to ThinkSpeak cloud via LabVIEW, it is based on HTTP protocol. The figure below shows the system inputs, it is required to provide an API key for the channel. wire input to your data (Sensor/calculation, etc…)

To add the Sub VI to your main VI

1. Right-click in the block diagram window
2. Select from "functions" menu "Select VI.."

A simple example is provided "example_thingspeak"

Please Feel Free To Use This Program, But Don't Forget To Cite/ Reference The Work ☺