This code shows how to add the HLS pragmas to the code.

```
bool simple_combinational_circuit(
      bool   a,
      bool   b,
      bool   c
) {
#pragma HLS INTERFACE ap_ctrl_none port=return
#pragma HLS INTERFACE ap_none port=a
#pragma HLS INTERFACE ap_none port=b
#pragma HLS INTERFACE ap_none port=c

      return (a && b) || !c;
}
```