

As the function has two arguments, we should have two interfaces for the arguments and one for the function block.

```
#define data_type unsigned char

void basic_input_output(
    data_type    input,
    data_type    &output) {
#pragma HLS INTERFACE ap_none port=output
#pragma HLS INTERFACE ap_none port=input
#pragma HLS INTERFACE ap_ctrl_none port=return

    output = input;
}
```