

```
`timescale 1ns / 1ps
////////////////////////////////////
////////////////////////////////////
// Company:
// Engineer:
//
```

```
module m2_1x8( //m2_1x8(.in0 [7:0], .in1
[7:0], .sel, out [7:0])
    input [7:0] in0,
    input [7:0] in1,
    input sel,
    output [7:0] out
);
    assign out = sel ? in1 : in0; //if
sel=1, then out = in1, else in0

endmodule
```