

```
`timescale 1ns / 1ps
///////////////////////////////
// Company:
// Engineer:
//
// Create Date: 05/23/2022 05:50:44 PM
// Design Name:
// Module Name: water
// Project Name:
// Target Devices:
// Tool Versions:
// Description:
//
// Dependencies:
//
// Revision:
// Revision 0.01 - File Created
// Additional Comments:
//
///////////////////////////////

module water(
//    input clock,
//    input [10:0] Hpixel,
//    input [10:0] Vpixel,
//
//    output blue
//    input [10:0] Vpixel,
//    output [3:0] water
);
//
//    wire [10:0] height;
//    wire [3:0] dark;

    assign height = Vpixel - 11'd240;
    assign water[3:0] = Vpixel >= 11'd240 ? (4'hf - height[7:4]) : 4'b0;

//    assign blue = top | right | bot | left;

endmodule
```