



```
out = 0;
is_op = 0;
is_result = 0;
is_enter = 0;
// if(keystrobe)
case(keypad_sync)
  2'b01: begin //
    added
    out = 3'b001;
    is_op = 1;
    is_result = 1;
    is_enter = 0;
    end
  2'b10: begin
    //subtracted
    out = 3'b010;
    is_op = 1;
    is_result = 1;
    is_enter = 0;
    end
endcase
end
```