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Sec:06
CSE460
Lab:03

5>2>0>1>4>3

```
module exam( w,y);  
  input[5:0]w;  
  output reg [2:0]y;  
  always @(w)  
  casex (w)
```

```
    6'b1xxxxx: y=5;  
    6'b0xx1xx: y=2;  
    6'b0xx0x1: y=0;  
    6'b0xx010: y=1;  
    6'b01x000: y=4;  
    6'b001000: y=3;
```

```
    default : y=3'b000;  
  endcase  
endmodule
```

