

```
var triangle = function(sideOne, sideTwo, sideThree){  
  if (sideOne === sideTwo && sideTwo === sideThree){  
    return "equilateral"; OUTPUT  
  }  
  
  else if (sideOne === sideTwo || sideTwo === sideThree || sideThree  
    === sideOne){  
    return "Isosceles"; OUTPUT  
  }  
  
  else if (sideOne + sideTwo <= sideThree || sideThree + sideOne <=  
    sideTwo || sideTwo + sideThree <=sideOne){  
    return "not a triangle"; OUTPUT  
  }  
  
  else if (sideOne !== sideTwo && sideTwo !== sideThree && sideOne !==  
    sideThree){  
    return "scalene"; OUTPUT  
  }  
  
  else {  
    console.log("something's wrong");  
  }  
};  
  
$(document).ready(function() {  
  $("form#triangle").submit(function(event) { calls function when form#triangle is submitted  
    var sideOne = parseInt($("#input#sideOne").val());  
    var sideTwo = parseInt($("#input#sideTwo").val());  
    var sideThree = parseInt($("#input#sideThree").val());  
    var result = triangle(sideOne, sideTwo, sideThree);  
  
    $("#result").text(result); Executes the JQ text function  
    event.preventDefault(); with "result" on the #result div  
  });  
});
```