

COP2500- Laboratory 8

The goal of this lab is to gain experience in debugging JavaScript programs. This lab assignment consists of three parts.

Part 1- you will use the following JavaScript program which contains syntax errors. You are to use the Firefox and Google Chrome debuggers to find the errors. Show your work to your Lab instructor in order to receive credit for Part 1.

```
<html>

<head>
<title> Use of Debugger Part 1 </title>
<!--Comment-->
<!--Lab08-->
<!-- Part1-->
</head>

<body>

    <h1>Display Message based on age</h1>
    <script language="javascript">

        //The program contains couple of syntax errors. You need
        //to find the errors using the Firefox and Google Chrome debuggers and correct the
        //errors.
        var name=prompt("What is your name?", "");
        var age=prompt(name + " what is your age?", "Enter your age: " );

        if(age < 18){
            if(age < 12){
                alert(name + " you are still a child");
            }
            else
                alert(name + " you are a teenager now");
        }
    }
    else{
        if(age < 60){
            alert(Name + " you are an adult");
        }
        else{
            alert(name + " you are a senior citizen");
        }
    }
}
```

```
    }  
</script>  
  
</body>  
</html>
```

Part 2 – Write a program that contains a run time error. Use the try/catch statements to find and display the error. When you are done, upload your program as **cop2500lab9-part2.html** to the drop box.

Part 3 – Use the following program to incorporate your own try/catch/throw statements which should display an appropriate error message for invalid input. When you are done, upload your program as **cop2500lab9-part3.html** to the drop box.

```
<html>  
<body>  
<script type="text/javascript">  
var x=prompt("Enter a number between 0 and 10:", "")  
if(x>10)  
{  
  
}  
else if(x<0)  
{  
  
}  
else  
{  
document.write("You entered number " + x);  
}  
  
</script>  
</body>  
</html>
```