JavaScript Assignment #2

**Part 1: What’s Your GPA**

**<!DOCTYPE html>**

**<html lang="en-US">**

**<head>**

**<meta charset="utf-8" />**

**<title>Sebastian Hall A2P1</title>**

**<style>**

**body {**

**background-color:aquamarine;**

**}**

**</style>**

**</head>**

**<body>**

**<h1>Sebastian Hall A2P1</h1>**

**<script>**

**//Declare variables**

**var fName;//First name**

**var gpa;//GPA**

**var grade;//Final grade**

**var output;//Output string for name and grade**

**//Prompt user for first name**

**fName = window.prompt("Enter your first name");**

**fName = fName.trim();//Remove unnecessary whitespace if necessary**

**//Prompt user for GPA**

**gpa = window.prompt("Enter your GPA, " + fName);**

**gpa = parseFloat(gpa);//Convert type from string to float**

**//Determine grade based on GPA**

**if(!isNaN(gpa)) {**

**grade = getGrade(gpa);**

**} else {**

**grade = "F because a GPA is a number";**

**}**

**//Output grade and name**

**output = "<p>" + fName + ", your GPA of " + gpa + " results in a " +**

**grade + " grade.</p>";**

**document.write(output);**

**function getGrade(gpa) {**

**//Declare variables**

**var grade;//Letter grade**

**//Determine grade based on GPA**

**if(gpa >= 3.7) {**

**grade = "A";**

**} else if(gpa >= 2.7) {**

**grade = "B";**

**} else if(gpa >= 1.7) {**

**grade = "C";**

**} else if(gpa >= 0.7) {**

**grade = "D";**

**} else {**

**grade = "F";**

**}**

**//Return the grade**

**return grade;**

**}**

**</script>**

**</body>**

**</html>**

**Part 2: Gimme Some Products**

[Paste your part 2 screen shot below]

[Paste your part 2 Code below]

**Part 3: Receipt This!**

[Page Your part 3 Screenshot below]

[Paste your part 3 Code Below your screen shot]

**Part 4: If it Don’t Make Dollar$, it Don’t Make ¢ents!**

[Page Your part 4 Screenshot below]

[Paste your part 4 Code Below your screen shot]

**Part 5: What The Function?**

[Paste your part 5 Code Below]