**Quiz 5**

1. What is printed when this function is called with: console.log(dayMonth("05/15/2019"));

let dayMonth = function(dateStr) {

var date1 = new Date(dateStr);

return date1.getMonth() + "/" + date1.getDate();

}

1. What is printed when this function is called with: console.log(isAlpha("e"));

let isAlpha = function(ch) {

let patt;

patt = /[a-z]/;

ch = ch.toUpperCase();

if (patt.test(ch))

return true;

else

return false;

};

1. What is printed when this function is called with: console.log(countIt(6));

function countIt(number) {

let count=0;

let i=number;

while (i>1) {

count=count+1;

i--;

}

return count;

}

1. What is printed when this function is called with: console.log(sumIt(10));

function sumIt(number) {

let total=0;

for (let i=0; i<=number; i+=2) {

total+=i;

i++;

}

return total;

}

1. How many arguments should be passed when calling the following function?

let volumeRectangle = function(length, width, height) {

volume = length \* width \* height;

return volume;

}

1. What is returned when the following function is called with: console.log(discountValue(20, 1240));

function discountValue(quantity, price) {

var refund;

if (quantity >= 25 && price >= 1000)

refund = 100;

else if (quantity >= 10 && price >= 1000)

refund = 50;

else if (quantity >= 5 && price >= 100)

refund = 10;

else

refund = 0;

return refund;

}

1. What is printed when this function is called with: console.log(toggleLight("on"));

var toggleLight = function(state) {

if(state == "on")

return "off";

else

return "on";

}

1. What is printed when this function is called with: console.log(securityLevel("CEO", "Admin"));

function securityLevel(job, dept) {

if ((job == "CEO") || ( dept == "Finance"))

return 7;

else

return 3;

}

1. What does the following function return when called with this statement: alert(isQuarter(10));

function isQuarter(coin) {

if (coin == 25)

return true;

else

return false;

}

1. What is the value of result after the following code is executed, when user gives 3, 4, and 5 as inputs?

let func = function (n1, n2, n3){

let result;

result= n2 + n1 + n3 + n1 + n3 + n2;

}

let number1 = Number (prompt (“Enter the first number”));

let number2 = Number (prompt (“Enter the second number”));

let number3 = Number (prompt (“Enter the third number”));

let result = func (number1, number2, number3);

console.log(result);