## Functions- Calling, Passing, Return:

1. Here is the declaration of a function. Each parameter is a string.

function displayValue(param1, param2, param3){

}

Demonstrate all of the following in separate JavaScript file (each response should be in separate file):

a. How will you trigger the above method? Show at least 2 ways to call the function.

b. How many parameters will you pass to the function above?

c. Alert the parameter values inside the function.

d. What happens if you pass only 2 parameters and try to alert all 3 parameters?

e. What happens if one of the passed parameter is re-declared inside the function with a keyword var.

f. What happens if you pass only 1 parameter and try to add all 3 parameters such as:

g. Alert(param1 + “ “+ param2+ “ “+ param3);

2. Here is the declaration of a function.

function setValue(fName,lName,age){

}

function setCustInfo(name){

alert(“The last name is set as: ”+name);

}

function displayCustInfo(name){

alert(“First Name is displayed as:”+name);

}

Demonstrate all of the following in separate JavaScript file (each response should be in separate file):

a. How would show the following output in alert boxes?

i. The name is set as: Bruce

ii. Name is displayed as: Wayne

Show at least 2 ways to get the above output. (Hint: onclick and call inside js);

b. Inside this setValue method, how will you trigger setCustInfoand displayCustInfo methods?

c. What if the variable “name” is declared globally with a value? What will be the output look like?

d. In a separate JS file, try to declare the variable “name” locally with some value. What will be the output look like?

e. In a separate JS file, try NOT TO Pass the value to setCustInfo fromsetValue function - rather have the “name” variable globally with a value. What is the output?

3. Here is the declaration of a function.

function setValue(fName,lName,age){

}

function setCustInfo(name){

alert(“The name is set as: ”+name);

}

function displayCustInfo(name,i){

alert(“Name is displayed as:”+name);

k = name + “ “+i;

return k;

}

Demonstrate all of the following in separate JavaScript file (each response should be in separate file):

a. How would show the following output in alert boxes (in same sequence)?

i. The name is set as: Bruce

ii. Name is displayed as: Wayne

iii. Wayne 30

b. In Separate JS file: What happens if “lname” is declared as global variable with some value? What will the output look like?

c. In Separate JS file: How do you show the following output in alert boxes(in same order):

i. The name is set as: 30

ii. Name is displayed as: Wayne

iii. Wayne Bruce

iv. Hello Bruce Wayne at 30

d. In Separate JS file: What happens if “k” is

i. declared locally with displayCustInfo method with a value

ii. declared globally below displayCustInfo method with a value.

iii. declared locally but set the value = “DATA VANISHED” just before the “return k” statement in displayCustInfo method?

4. Here is the declaration of a function.

function setValue(fName,lName,batmanAge){

}

function setCustInfo(name,i){

alert(“The name is set as: ”+name);

batman\_age = i;

}

function displayCustInfo(name){

alert(“Name is displayed as:”+name);

return name + “ “+batman\_age;

}

Var batman\_age = 27;

Demonstrate all of the following in separate JavaScript file (each response should be in separate file):

a. How would show the following output in alert boxes (in same sequence)?

i. The name is set as: Bruce

ii. Name is displayed as: Wayne

iii. Wayne 25

b. How would you show the following output in alert boxes (in the same sequence)?

i. The name is set as Wayne

ii. Wayne 27

iii. Name is displayed as: Batman