function in js

In JavaScript, a function is like a reusable set of instructions that performs a specific task. It's like a name given to a block of code or set of statements. Functions are useful because they allow you to write a block of code once and then use it multiple times without having to repeat the same code.

Creating a function in JavaScript involves a few steps. Here's a explanation:

1. **Declaration:** You declare a function using the **function** keyword, followed by a name you choose for your function. For example:
   function sayNamastey() {
       // code for the function goes here
       console.log("Namastey! ");
   }
   Here, **sayNamastey** is the name of the function.

2. **Calling the Function:** After declaring a function, you need to "call" or "invoke" it to make it run. You do this by using the function name followed by parentheses **()**. For example:
   sayNamastey(); // This will print "Namastey!" to the console

Types of function

We can define a JS function in following 4 ways:

   i)   Function without argument, without return value
   ii)   Function with argument, without return value
   iii)   Function without argument, with return value
   iv)   Function with argument, with return value

Note: The function defined above is a function without argument, without return value.

Assignment:

Q1: Create a JS function which draws a table of 3*4

Q2: Create a JS function which draws 10 Paragraphs.

Q3: Create a JS function which prints multiply of three numbers.
Note: Define and invoke all these functions.

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