**Task#: 25**

**Course**: Web Development

**Topics**: Pass Variables as reference

**Level**: Intermediate

1. PHP Reference variables are two variables that points to the same memory allocation in the memory.
2. Reference Variables can point to the any data type (Object, String, Int, Boolean)
3. You need to pass and return variable as a reference.
4. We use ‘&’ sign to assign a variable value as reference.

**Sample input**

* Attached is php script. There is function **ref\_test()**
* This function takes one parameter $var.
* Write a single line of code in the function that should multiply **$var** by 2.
* Below the function, **$x** is assigned with value of 10.
* You are not allowed to directly change **$x** variable instead you need to change write a line within the **ref\_test()** function body and change **$var** variable value.
* Hint
  + Both **$var** and **$x** are pointing to the same value in memory when we have passed $a variable in **ref\_test()** as reference by using **&** symbol

**Sample Output**

* Sample output of the variable $x should be 20.

**Best of Luck**