SEMANTIC TEST SCRIPT

Input	Expected Output	Actual Output	Remarks
PrimaryMission() { unit a=""; } deploy();	Cannot implicitly convert type 'string' to 'int'	Cannot implicitly convert type 'string' to 'int'	OK

PrimaryMission()
{
company name=1;
} deploy();
	Cannot implicitly convert type 'int' to 'string'	Cannot implicitly convert type 'int' to 'string'	OK

PrimaryMission()
{
company name="";
name++;
} deploy();
	Operator '++' cannot be applied to operand of type 'string'	Operator '++' cannot be applied to operand of type 'string'	OK

PrimaryMission()
{
unit num=1.56;
num++;
} deploy();
	Cannot implicitly convert type 'double' to 'int'. An explicit conversion exists (are you missing a cast?)	Cannot implicitly convert type 'double' to 'int'. An explicit conversion exists (are you missing a cast?)	OK

unit a[50] = {1, 3, "a" }; PrimaryMission() { } deploy();	Cannot implicitly convert type 'string' to 'int'	Cannot implicitly convert type 'string' to 'int'	OK
PrimaryMission() { joe name = "World"; } deploy();	Cannot implicitly convert type 'string' to 'char'	Cannot implicitly convert type 'string' to 'char'	OK

PrimaryMission()
{
unit a=1;
a=a + "Hello";
} deploy();
	Cannot implicitly convert type 'string' to 'int'	Cannot implicitly convert type 'string' to 'int'	OK

PrimaryMission()
{
unit a=1;
post(a + "1" +
b);
} deploy();
	The name 'b' does not exist in the current context	The name 'b' does not exist in the current context	OK

PrimaryMission()
{
unit a=1;
b=c+d+a;
} deploy();
	The name 'b' does not exist in the current context
	The name 'c' does not exist in the current context
	The name 'd' does not exist in the current context
		The name 'b' does not exist in the current context
		The name 'c' does not exist in the current context
		The name 'd' does not exist in the current context
			OK

XXV. SOURCE CODE