**SEMANTIC TEST SCRIPT**

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| --- | --- | --- | --- |
| 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