**TABLE OF ERRORS**

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| **Spec** | **How ChatGPT Ran** | **Error Message** |
| addr1 | (3) No fault location  (No Bug / Fix comment and Loc)  [Asked to fix assertion] | Type Error Message Observed  != can be used only between 2 expressions of the same arity,  or between 2 integer expressions.  Left type = {this/Address}  Right type = {PrimitiveBoolean} |
| arr1 | (3) No fault location  (No Bug / Fix comment and Loc)  [Asked to fix assertion] | Type Error Message Observed  in can be used only between 2 expressions of the same arity.  Left type = {none->none}  Right type = {this/Element} |
| (4 ) No indication of bug location nor asking to pass the assertions | Type Error Message Observed  This must be an integer expression.  Instead, it has the following possible type(s):  {this/Element} |
| arr2 | (3) No fault location  (No Bug / Fix comment and Loc)  [Asked to fix assertion] | Type Error Message Observed  in can be used only between 2 expressions of the same arity.  Left type = {Int}  Right type = {Int->this/Element} |
| (4 ) No indication of bug location nor asking to pass the assertions | Type Error Message Observed  Analysis cannot be performed since it requires higher-order  quantification that could not be skolemized. |
| balancedBST1 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Type Error Message Observed  This must be a formula expression.  Instead, it has the following possible type(s):  {this/Node} |
| balancedBST2\_1 | (3) No fault location  (No Bug / Fix comment and Loc)  [Asked to fix assertion] | Type Error Message Observed  This must be a formula expression.  Instead, it has the following possible type(s):  {none} |
| balancedBST2\_2 | (3) No fault location  (No Bug / Fix comment and Loc)  [Asked to fix assertion] | Type Error Message Observed  ^ can be used only with a binary relation.  Instead, its possible type(s) are:  {this/Node} |
| balancedBST2\_3 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Syntax Error  The name "abs" cannot be found. |
| bempl1 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Syntax error at line 17 column 8:  There are 1 possible tokens that can appear here:[ |
| cd1\_2 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Type Error Message Observed  This cannot be a legal relational join where  left hand side is c . ~ (this/Class <: ext) (type =  {this/Class})  right hand side is this/Object (type = {this/Object}) |
| ctree1 | (2) With bug location but w/o fix comments  [No mention of passing assertion] | Type Error Message Observed  This must be a set or relation.  Instead, it has the following possible type(s):  {PrimitiveBoolean} |
| dll1\_2 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Syntax error  The name "null" cannot be found. |
| dll2\_2 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Syntax error at line 33 column 32: |
| farmer1 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Syntax Error  The name "item" cannot be found. |
| fsm1\_2 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Syntax error at line 46 column 1: |
| student2\_2 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Type Error Message Observed  = can be used only between 2 expressions of the same arity,  or between 2 integer expressions.  Left type = {this/Boolean}  Right type = {PrimitiveBoolean} |
| student4 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Type Error Message Observed  = can be used only between 2 expressions of the same arity,  or between 2 integer expressions.  Left type = {this/Boolean}  Right type = {PrimitiveBoolean} |
| Student6\_1 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Type Error Message Observed  = can be used only between 2 expressions of the same arity,  or between 2 integer expressions.  Left type = {this/Boolean}  Right type = {PrimitiveBoolean} |
| student7\_2 | (3) No fault location  (No Bug / Fix comment and Loc)  [Asked to fix assertion] | Type Error Message Observed  = can be used only between 2 expressions of the same arity,  or between 2 integer expressions.  Left type = {Int}  Right type = {PrimitiveBoolean} |
| 5) With bug location but w/o fix comments  [Mention of passing assertion] | Type Error Message Observed  = can be used only between 2 expressions of the same arity,  or between 2 integer expressions.  Left type = {Int}  Right type = {PrimitiveBoolean} |
| student8 | 5) With bug location but w/o fix comments  [Mention of passing assertion] | Type Error Message Observed  = can be used only between 2 expressions of the same arity,  or between 2 integer expressions.  Left type = {Int}  Right type = {PrimitiveBoolean} |
| student9 | (3) No fault location  (No Bug / Fix comment and Loc)  [Asked to fix assertion] | Type Error Message Observed  = can be used only between 2 expressions of the same arity,  or between 2 integer expressions.  Left type = {PrimitiveBoolean}  Right type = {this/True} |
| student12.1 | (2) With bug location but w/o fix comments  [No mention of passing assertion] | Type Error Message Observed  = can be used only between 2 expressions of the same arity,  or between 2 integer expressions.  Left type = {this/Boolean}  Right type = {PrimitiveBoolean} |
| student14\_1 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Type Error Message Observed  This must be a set or relation.  Instead, it has the following possible type(s):  {PrimitiveBoolean} |
| student16 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Syntax error  at line 45 column 18:  There are 1 possible tokens that can appear here:  ) |
| student17\_1 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Syntax error  at line 20 column 15:  There are 1 possible tokens that can appear here:  / |
| student18\_3 | (2) With bug location but w/o fix comments  [No mention of passing assertion] | Type Error Message Observed  This must be a set or relation.  Instead, it has the following possible type(s):  {PrimitiveBoolean} |
| student19\_2 | (5) With bug location but w/o fix comments  [Mention of passing assertion] | Type Error Message Observed  & can be used only between 2 expressions of the same arity.  Left type = {this/Node->this/Node}  Right type = {this/Node} |