# Testfiles for VisitorPrinter

Output for the Moodle provided testfiles to echo the input program

///////////////////////////////////////

<test01

Parsing completed

fdef sum(j : int, i : int) : int {

return i + j ;

}

fdef sum(j : float, i : float) : float {

return i + j ;

}

{

s1 : int = sum(-10, 20);

s2 : float = sum(10.0, -20.0);

b : bool;

if (s1 < s2 || s1 == s2){

b=s1 + s2 / (s1 + s2) >= 30;

} else {

}

}

///////////////////////////////////////

<test02

Parsing completed

l1 : list = ["a", "b", "c", "d", "e"];

l2 : list = [1, 2, 3, 4, 5];

s1 : string = "";

s2 : string = "hello";

{

newlist : list = l1::l2;

anotherlist : list = [s1]::[s2]::newlist;

thirdlist : list = l2[:-2]::l2[3:];

b : bool = len (thirdlist) == len (l2);

if (len (newlist) <= len (anotherlist)){

newlist=newlist + anotherlist[0];

} else {

newlist=newlist - newlist[0];

}

}

///////////////////////////////////////

<test03

Parsing completed

tdef person : age : int, surname : string, name : string;

tdef family : children : list, father : id, mother : id;

{

m : id = "aaaaAAA", "bbBB0\_i", 40;

p : id = "aaabAAA", "bbBB0\_i", 35;

c1 : id = "aaabAAA", "bbBB0\_i", 1;

c2 : id = "aaadAAA", "bbBB0\_i", 2;

c3 : id = "aaaeAAA", "bbBB0\_i", 3;

f : id = m, p, [c1, c2];

f.children=f.children::[c3];

}

///////////////////////////////////////

<test04

Parsing completed

fdef invert(t : tuple) : tuple {

t2 : tuple = [||];

i : int = 0;

if (len (t) > 0){

repeat {

t2=t[i] + t2;

i=i + 1;

} until (i < len (t));} else {

}

return t2 ;

}

a : tuple = [|1, 2, 3, "aa", "bb", ""|];

{

b : tuple = invert(a);

}

///////////////////////////////////////

<test05

Parsing completed

s1 : string = "Alice in Wonderland";

s2 : string = "Gilgamesh";

s3 : string = "One Thousand and One Nights";

{

key : string = "ic";

books : list = [s1, s2, s3];

found : bool = false;

i : int = 0;

tmp : string;

while (i < len (books)) do {

tmp=books[i];

if (key in tmp){

found=true;

} else {

}

i=i + 1;

}

}