digraph astgraph {

node [shape=circle, fontsize=12, fontname="Courier", height=.1];

ranksep=.3;

edge [arrowsize=.5]

node1 [label="Program"]

node2 [label="Block"]

node3 [label="VarDecl"]

node4 [label="x"]

node3 -> node4

node5 [label="real"]

node3 -> node5

node6 [label="VarDecl"]

node7 [label="y"]

node6 -> node7

node8 [label="real"]

node6 -> node8

node9 [label="ProcDecl:Alpha"]

node10 [label="Param"]

node11 [label="a"]

node10 -> node11

node12 [label="integer"]

node10 -> node12

node9 -> node10

node13 [label="Block"]

node14 [label="VarDecl"]

node15 [label="y"]

node14 -> node15

node16 [label="integer"]

node14 -> node16

node17 [label="Compound"]

node18 [label=":="]

node19 [label="x"]

node20 [label="+"]

node21 [label="+"]

node22 [label="a"]

node23 [label="x"]

node21 -> node22

node21 -> node23

node24 [label="y"]

node20 -> node21

node20 -> node24

node18 -> node19

node18 -> node20

node17 -> node18

node25 [label="NoOp"]

node17 -> node25

node13 -> node14

node13 -> node17

node9 -> node13

node26 [label="Compound"]

node27 [label="NoOp"]

node26 -> node27

node2 -> node3

node2 -> node6

node2 -> node9

node2 -> node26

node1 -> node2

}