

Quiz – 1

February 14, 2006

program scopes (input, output);

var a : integer;

procedure first;

begin

a := 2;

end;

procedure second;

var a : integer;

begin

a:=5;

first;

write(a);

end;

procedure third;

var a: integer;

begin

a:=4;

second;

end;

begin

a := 3;

third;

write(a);

end.

Question: Consider the Pascal program above. Write the output of the program, assuming:

- a) Static scope rules are in effect:

Answer: 5 2

- b) Dynamic scope rules are in effect:

Answer: 2 3