1).

fun int fget (ref int i)

write(i);

return(i);

end fun

2).

proc main()

read(a);

read(b);

read(c);

compswap(a, b);

compswap(b, c);

compswap(a, b);

end proc

3).

proc compswap(ref int a, ref int b)

if(a > b) then

temp = a;

a = b;

b = temp;

end if

end proc

4).

proc main()

read(a);

read(b);

read(c);

read(d);

compswap(a, b);

compswap(b, c);

compswap(c, d);

compswap(a, b);

compswap(b, c);

compswap(a, b);

end proc

5).

proc push (int x, int[1…100] a, ref int top)

if(top <= 100) then

a[top] = x;

top = top + 1;

end if

end proc

6).

fun int pop (int[1…100] a, ref int top)

if(top > 1) then

top = top – 1;

return a[top];

else

return -1;

end if

end fun

7).

proc main()

read(a[]);

for n = a[] length – 1 down to 1 do

for I = 1 to n do

compswap(a[i], a[I + 1]);

end for

end for

end proc

8).

Void Compswap(int\* a, int\* b)

{

Int temp;

If(\*a > \*b)

{

temp = a\*;

a\* = b\*

b\* = temp;

}

}