#include <stdio.h>

#define MAX 10

int a[MAX];

int rand\_seed=10;

int rand()

{

rand\_seed = rand\_seed \* 1103515245 +12345;

return (unsigned int)(rand\_seed / 65536) % 32768;

}

int main()

{

int i,t,x,y;

for (i=0; i < MAX; i++)

{

a[i]=rand();

printf("%d\n",a[i]);

}

for (x=0; x < MAX-1; x++)

for (y=0; y < MAX-x-1; y++)

if (a[y] > a[y+1])

{

t=a[y];

a[y]=a[y+1];

a[y+1]=t;

}

printf("--------------------\n");

for (i=0; i < MAX; i++)

printf("%d\n",a[i]);

return 0;

}