//20 sorting (loop selection)

#include<stdio.h>

int main(){

int con, loop;

char a, b, c, d, e, tmp;

con = 1;

while(con == 1){

loop = 1;

printf("enter 5 character (press enter between each character) : \n");

scanf(" %c", &a);

printf("a = %c %d\n", a, a);

scanf(" %c", &b);

printf("b = %c %d\n", b, b);

scanf(" %c", &c);

printf("c = %c %d\n", c, c);

scanf(" %c", &d);

printf("d = %c %d\n", d, d);

scanf(" %c", &e);

printf("e = %c %d\n", e, e);

while(loop <= 5){

if(a > b) {

tmp = a;

a = b ;

b = tmp ;

}

if(b > c) {

tmp = b;

b = c ;

c = tmp ;

}

if(c > d) {

tmp = c;

c = d ;

d = tmp ;

}

if(d > e) {

tmp = d;

d = e ;

e = tmp ;

}

loop++;

}

printf("after sorting : %c %c %c %c %c \n", a, b, c, d, e);

printf("continue ? (1 for continue) : ");

scanf("%d", &con);

}

}