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//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);
    }
}

```