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1 //judul: Program mengurutkan bilangan
2 // oleh: Uly Atmi Azizah
3 // 8 oktober 2022
4
5 #include <iostream>
6 using namespace std;
7
8
9 //kamus
10 int a, b, c, d, e;
11 string ulang;
12
13
14 //diskripsi
15 main ()
16 {
17     cout << "MENGURUTKAN BILANGAN" << endl;
18     cout << " _____" << endl;
19     cout << "" << endl;
20     do {
21         cout << "" << endl;
22         cout << "masukan nilai pertama : " ;
23         cin >> a;
24         cout << "masukan nilai kedua : " ;
25         cin >> b;
26         cout << "masukan nilai ketiga : " ;
27         cin >> c;
28         cout << "masukan nilai keempat : " ;
29         cin >> d;
30         cout << "masukan nilai kelima : " ;
31         cin >> e;
32
33         cout << "" << endl;
34         cout << "urutannya adalah : ";
35
36         if ((a<b) && (b<c) && (c<d) && (d<e))
37         {
38             cout << a << "-" << b << "-" << c << "-" << d << "-" << e << endl;
39             cout << "Bilangan terbesar : " << e << endl;
40             cout << "Bilangan terkecil : " << a << endl;
41         }
42         else if ((b<c) && (c<d) && (d<e) && (e<a))
43         {
44             cout << a << "-" << c << "-" << d << "-" << e << "-" << a << endl;
45             cout << "Bilangan terbesar : " << a << endl;
46             cout << "Bilangan terkecil : " << b << endl;
47         }
48
49         else if ((c<d) && (d<e) && (e<a) && (a<b))
50         {
51             cout << c << "-" << d << "-" << e << "-" << a << "-" << b << endl;
52             cout << "Bilangan terbesar : " << b << endl;
53             cout << "Bilangan terkecil : " << c << endl;
54         }
55         else if ((d<e) && (e<a) && (a<b) && (b<c))
56         {
57             cout << d << "-" << e << "-" << a << "-" << b << "-" << c << endl;
58             cout << "Bilangan terbesar : " << b << endl;
59             cout << "Bilangan terkecil : " << a << endl;
60         }
61         else if ((e<a) && (a<b) && (b<c) && (c<d))
62         {
63             cout << e << "-" << a << "-" << b << "-" << c << "-" << d << endl;
64             cout << "Bilangan terbesar : " << d << endl;
65             cout << "Bilangan terkecil : " << e << endl;
66         }
67         else if ((a<c) && (c<d) && (d<e) && (e<b))
68         {
69             cout << a << "-" << c << "-" << d << "-" << e << "-" << b << endl;
70             cout << "Bilangan terbesar : " << b << endl;
71             cout << "Bilangan terkecil : " << a << endl;
72         }
73         else if ((c<d) && (d<e) && (e<b) && (b<a))
74         {
75             cout << c << "-" << d << "-" << e << "-" << b << "-" << a << endl;
76             cout << "Bilangan terbesar : " << a << endl;
77             cout << "Bilangan terkecil : " << c << endl;
78         }
79         else if ((d<e) && (e<b) && (b<a) && (a<c))

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80     {
81         cout << d << "-" << e << "-" << b << "-" << a << "-" << c << endl;
82         cout << "Bilangan terbesar : " << c << endl;
83         cout << "Bilangan terkecil : " << d << endl;
84     }
85     else if ((e < b) && (b < a) && (a < c) && (c < d))
86     {
87         cout << e << "-" << b << "-" << a << "-" << c << "-" << d << endl;
88         cout << "Bilangan terbesar : " << d << endl;
89         cout << "Bilangan terkecil : " << e << endl;
90     }
91
92     else if ((b < a) && (a < c) && (c < d) && (d < e))
93     {
94         cout << b << "-" << a << "-" << c << "-" << d << "-" << e << endl;
95         cout << "Bilangan terbesar : " << e << endl;
96         cout << "Bilangan terkecil : " << b << endl;
97     }
98     else if ((a < d) && (d < e) && (e < b) && (b < c))
99     {
100         cout << a << "-" << d << "-" << e << "-" << b << "-" << c << endl;
101         cout << "Bilangan terbesar : " << c << endl;
102         cout << "Bilangan terkecil : " << a << endl;
103     }
104     else if ((d < e) && (e < b) && (b < c) && (c < a))
105     {
106         cout << d << "-" << e << "-" << b << "-" << c << "-" << a << endl;
107         cout << "Bilangan terbesar : " << a << endl;
108         cout << "Bilangan terkecil : " << d << endl;
109     }
110     else if ((e < b) && (b < c) && (c < a) && (a < d))
111     {
112         cout << e << "-" << b << "-" << c << "-" << a << "-" << d << endl;
113         cout << "Bilangan terbesar : " << d << endl;
114         cout << "Bilangan terkecil : " << e << endl;
115     }
116
117     else if ((b < c) && (c < a) && (a < d) && (d < e))
118     {
119         cout << b << "-" << c << "-" << a << "-" << d << "-" << e << endl;
120         cout << "Bilangan terbesar : " << e << endl;
121         cout << "Bilangan terkecil : " << b << endl;
122     }
123     else if ((c < a) && (a < d) && (d < e) && (e < b))
124     {
125         cout << c << "-" << a << "-" << d << "-" << e << "-" << b << endl;
126         cout << "Bilangan terbesar : " << b << endl;
127         cout << "Bilangan terkecil : " << c << endl;
128     }
129
130     else if ((a < e) && (e < b) && (b < c) && (c < d))
131     {
132         cout << a << "-" << e << "-" << b << "-" << c << "-" << d << endl;
133         cout << "Bilangan terbesar : " << d << endl;
134         cout << "Bilangan terkecil : " << e << endl;
135     }
136     else if ((e < b) && (b < c) && (c < d) && (d < a))
137     {
138         cout << e << "-" << b << "-" << c << "-" << d << "-" << a << endl;
139         cout << "Bilangan terbesar : " << a << endl;
140         cout << "Bilangan terkecil : " << e << endl;
141     }
142     else if ((b < c) && (c < d) && (d < a) && (a < e))
143     {
144         cout << b << "-" << c << "-" << d << "-" << a << "-" << e << endl;
145         cout << "Bilangan terbesar : " << e << endl;
146         cout << "Bilangan terkecil : " << b << endl;
147     }
148     else if ((c < d) && (d < a) && (a < e) && (e < b))
149     {
150         cout << c << "-" << d << "-" << a << "-" << e << "-" << b << endl;
151         cout << "Bilangan terbesar : " << b << endl;
152         cout << "Bilangan terkecil : " << c << endl;
153     }
154     else if ((d < a) && (a < e) && (e < b) && (b < c))
155     {
156         cout << d << "-" << a << "-" << e << "-" << b << "-" << c << endl;
157         cout << "Bilangan terbesar : " << d << endl;
158         cout << "Bilangan terkecil : " << e << endl;

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159     }
160     else if ((a<d) && (d<b) && (b<c) && (c<e))
161     {
162         cout << a<< "-" << d<< "-" << b<< "-" << c<< "-" << e<< endl ;
163         cout << "Bilangan terbesar : " << e << endl ;
164         cout << "Bilangan terkecil : " << a << endl ;
165     }
166     else if ((d<b) && (b<c) && (c<e) && (e<a))
167     {
168         cout << d<< "-" << b<< "-" << c<< "-" << e<< "-" << a<< endl ;
169         cout << "Bilangan terbesar : " << a << endl ;
170         cout << "Bilangan terkecil : " << d << endl ;
171     }
172     else if ((d<c) && (c<e) && (e<a) && (a<d))
173     {
174         cout << b<< "-" << c<< "-" << e<< "-" << a<< "-" << d<< endl ;
175         cout << "Bilangan terbesar : " << d << endl ;
176         cout << "Bilangan terkecil : " << e << endl ;
177     }
178     else if ((c<e) && (e<a) && (a<d) && (d<b))
179     {
180         cout << c<< "-" << e<< "-" << a<< "-" << d<< "-" << b<< endl ;
181         cout << "Bilangan terbesar : " << b << endl ;
182         cout << "Bilangan terkecil : " << c << endl ;
183     }
184     else if ((e<a) && (a<d) && (d<b) && (b<c))
185     {
186         cout << e<< "-" << a<< "-" << d<< "-" << b<< "-" << c<< endl ;
187         cout << "Bilangan terbesar : " << c << endl ;
188         cout << "Bilangan terkecil : " << e << endl ;
189     }
190     else if ((b<e) && (e<d) && (d<c) && (c<a))
191     {
192         cout << b<< "-" << e<< "-" << d<< "-" << c<< "-" << a<< endl ;
193         cout << "Bilangan terbesar : " << a << endl ;
194         cout << "Bilangan terkecil : " << b << endl ;
195     }
196     else if ((e<d) && (d<c) && (c<a) && (a<b))
197     {
198         cout << e<< "-" << d<< "-" << c<< "-" << a<< "-" << b<< endl ;
199         cout << "Bilangan terbesar : " << b << endl ;
200         cout << "Bilangan terkecil : " << e << endl ;
201     }
202     else if ((d<c) && (c<a) && (a<b) && (b<e))
203     {
204         cout << d<< "-" << c<< "-" << a<< "-" << b<< "-" << e<< endl ;
205         cout << "Bilangan terbesar : " << e << endl ;
206         cout << "Bilangan terkecil : " << d << endl ;
207     }
208     else if ((c<a) && (a<b) && (b<e) && (e<d))
209     {
210         cout << c<< "-" << a<< "-" << b<< "-" << e<< "-" << d<< endl ;
211         cout << "Bilangan terbesar : " << d << endl ;
212         cout << "Bilangan terkecil : " << c << endl ;
213     }
214     else if ((e<a) && (a<b) && (b<c) && (c<d))
215     {
216         cout << a<< "-" << b<< "-" << e<< "-" << d<< "-" << c<< endl ;
217         cout << "Bilangan terbesar : " << c << endl ;
218         cout << "Bilangan terkecil : " << a << endl ;
219     }
220     else if ((b<a) && (a<d) && (d<c) && (c<e))
221     {
222         cout << b<< "-" << a<< "-" << d<< "-" << c<< "-" << e<< endl ;
223         cout << "Bilangan terbesar : " << e << endl ;
224         cout << "Bilangan terkecil : " << b << endl ;
225     }
226     else if ((e<a) && (a<b) && (b<c) && (c<d))
227     {
228         cout << a<< "-" << d<< "-" << c<< "-" << e<< "-" << b<< endl ;
229         cout << "Bilangan terbesar : " << b << endl ;
230         cout << "Bilangan terkecil : " << a << endl ;
231     }
232     else if ((d<c) && (c<e) && (e<b) && (b<a))
233     {
234         cout << d<< "-" << c<< "-" << e<< "-" << b<< "-" << a<< endl ;
235         cout << "Bilangan terbesar : " << a << endl ;
236         cout << "Bilangan terkecil : " << d << endl ;
237     }

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238     else if ((c<e) && (e<b) && (b<a) && (a<d) )
239     {
240         cout << c << "-" << e << "-" << b << "-" << a << "-" << d << endl;
241         cout << "Bilangan terbesar : " << d << endl;
242         cout << "Bilangan terkecil : " << c << endl;
243     }
244     else if ((e<b) && (b<a) && (a<d) && (d<c) )
245     {
246         cout << e << "-" << b << "-" << a << "-" << d << "-" << c << endl;
247         cout << "Bilangan terbesar : " << c << endl;
248         cout << "Bilangan terkecil : " << e << endl;
249     }
250     else if ((b<d) && (d<c) && (c<a) && (a<e) )
251     {
252         cout << b << "-" << d << "-" << c << "-" << a << "-" << e << endl;
253         cout << "Bilangan terbesar : " << e << endl;
254         cout << "Bilangan terkecil : " << b << endl;
255     }
256     else if ((d<c) && (c<a) && (a<e) && (e<b) )
257     {
258         cout << d << "-" << c << "-" << a << "-" << e << "-" << b << endl;
259         cout << "Bilangan terbesar : " << b << endl;
260         cout << "Bilangan terkecil : " << d << endl;
261     }
262     else if ((c<a) && (a<e) && (e<b) && (b<d) )
263     {
264         cout << c << "-" << a << "-" << e << "-" << b << "-" << d << endl;
265         cout << "Bilangan terbesar : " << d << endl;
266         cout << "Bilangan terkecil : " << c << endl;
267     }
268     else if ((a<e) && (e<b) && (b<d) && (d<e) )
269     {
270         cout << a << "-" << e << "-" << b << "-" << d << "-" << e << endl;
271         cout << "Bilangan terbesar : " << e << endl;
272         cout << "Bilangan terkecil : " << a << endl;
273     }
274     else if ((e<b) && (b<d) && (d<c) && (c<a) )
275     {
276         cout << e << "-" << b << "-" << d << "-" << c << "-" << a << endl;
277         cout << "Bilangan terbesar : " << a << endl;
278         cout << "Bilangan terkecil : " << e << endl;
279     }
280     else if ((b<c) && (c<e) && (e<d) && (d<a) )
281     {
282         cout << b << "-" << c << "-" << e << "-" << d << "-" << a << endl;
283         cout << "Bilangan terbesar : " << a << endl;
284         cout << "Bilangan terkecil : " << b << endl;
285     }
286     else if ((c<e) && (e<d) && (d<a) && (a<b) )
287     {
288         cout << c << "-" << e << "-" << d << "-" << a << "-" << b << endl;
289         cout << "Bilangan terbesar : " << b << endl;
290         cout << "Bilangan terkecil : " << c << endl;
291     }
292     else if ((e<d) && (d<a) && (a<b) && (b<c) )
293     {
294         cout << e << "-" << d << "-" << a << "-" << b << "-" << c << endl;
295         cout << "Bilangan terbesar : " << c << endl;
296         cout << "Bilangan terkecil : " << e << endl;
297     }
298     else if ((d<a) && (a<b) && (b<c) && (c<e) )
299     {
300         cout << d << "-" << a << "-" << b << "-" << c << "-" << e << endl;
301         cout << "Bilangan terbesar : " << e << endl;
302         cout << "Bilangan terkecil : " << d << endl;
303     }
304     else if ((a<b) && (b<c) && (c<e) && (e<d) )
305     {
306         cout << a << "-" << b << "-" << c << "-" << e << "-" << d << endl;
307         cout << "Bilangan terbesar : " << d << endl;
308         cout << "Bilangan terkecil : " << a << endl;
309     }
310     else if ((b<e) && (e<c) && (c<a) && (a<d) )
311     {
312         cout << b << "-" << e << "-" << c << "-" << a << "-" << d << endl;
313         cout << "Bilangan terbesar : " << d << endl;
314         cout << "Bilangan terkecil : " << b << endl;
315     }
316     else if ((e<c) && (c<a) && (a<d) && (d<b) )

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317     {
318         cout <<e<<"-"<<c<<"-"<<a<<"-"<<d<<"-"<<b<< endl;
319         cout << "Bilangan terbesar : " << b << endl;
320         cout << "Bilangan terkecil : " << e << endl;
321     }
322     else if ((c<a) && (a<d) && (d<b) && (b<e))
323     {
324         cout <<c<<"-"<<a<<"-"<<d<<"-"<<b<<"-"<<e<< endl;
325         cout << "Bilangan terbesar : " << e << endl;
326         cout << "Bilangan terkecil : " << c << endl;
327     }
328     else if ((a<d) && (d<b) && (b<e) && (e<c))
329     {
330         cout <<a<<"-"<<d<<"-"<<b<<"-"<<e<<"-"<<c<< endl;
331         cout << "Bilangan terbesar : " << c << endl;
332         cout << "Bilangan terkecil : " << a << endl;
333     }
334     else if ((d<b) && (b<e) && (e<c) && (c<a))
335     {
336         cout <<d<<"-"<<b<<"-"<<e<<"-"<<c<<"-"<<a<< endl;
337         cout << "Bilangan terbesar : " << a << endl;
338         cout << "Bilangan terkecil : " << d << endl;
339     }
340     else if ((c<b) && (b<a) && (a<e) && (e<d))
341     {
342         cout <<c<<"-"<<b<<"-"<<a<<"-"<<e<<"-"<<d<< endl;
343         cout << "Bilangan terbesar : " << d << endl;
344         cout << "Bilangan terkecil : " << c << endl;
345     }
346     else if ((b<a) && (a<e) && (e<d) && (d<c))
347     {
348         cout <<b<<"-"<<a<<"-"<<e<<"-"<<d<<"-"<<c<< endl;
349         cout << "Bilangan terbesar : " << c << endl;
350         cout << "Bilangan terkecil : " << b << endl;
351     }
352     else if ((a<e) && (e<d) && (d<c) && (c<b))
353     {
354         cout <<a<<"-"<<e<<"-"<<d<<"-"<<c<<"-"<<b<< endl;
355         cout << "Bilangan terbesar : " << b << endl;
356         cout << "Bilangan terkecil : " << a << endl;
357     }
358     else if ((e<a) && (a<b) && (b<c) && (c<d))
359     {
360         cout <<e<<"-"<<d<<"-"<<c<<"-"<<b<<"-"<<a<< endl;
361         cout << "Bilangan terbesar : " << a << endl;
362         cout << "Bilangan terkecil : " << e << endl;
363     }
364     else if ((d<c) && (c<b) && (b<a) && (a<e))
365     {
366         cout <<d<<"-"<<c<<"-"<<b<<"-"<<a<<"-"<<e<< endl;
367         cout << "Bilangan terbesar : " << e << endl;
368         cout << "Bilangan terkecil : " << d << endl;
369     }
370     else if ((c<d) && (d<a) && (a<b) && (b<e))
371     {
372         cout <<c<<"-"<<d<<"-"<<a<<"-"<<b<<"-"<<e<< endl;
373         cout << "Bilangan terbesar : " << e << endl;
374         cout << "Bilangan terkecil : " << c << endl;
375     }
376     else if ((d<a) && (a<b) && (b<e) && (e<c))
377     {
378         cout <<d<<"-"<<a<<"-"<<b<<"-"<<e<<"-"<<c<< endl;
379         cout << "Bilangan terbesar : " << c << endl;
380         cout << "Bilangan terkecil : " << d << endl;
381     }
382     else if ((a<b) && (b<e) && (e<c) && (c<d))
383     {
384         cout <<a<<"-"<<b<<"-"<<e<<"-"<<c<<"-"<<d<< endl;
385         cout << "Bilangan terbesar : " << d << endl;
386         cout << "Bilangan terkecil : " << a << endl;
387     }
388     else if ((b<e) && (e<c) && (c<d) && (d<a))
389     {
390         cout <<b<<"-"<<e<<"-"<<c<<"-"<<d<<"-"<<a<< endl;
391         cout << "Bilangan terbesar : " << a << endl;
392         cout << "Bilangan terkecil : " << b << endl;
393     }
394     else if ((e<c) && (c<d) && (d<a) && (a<b))
395     {

```

[illegible]

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475     cout << "Bilangan terbesar : " << b << endl;
476     cout << "Bilangan terkecil : " << e << endl;
477 }
478 else if ((c<d) && (d<a) && (a<b) && (b<e))
479 {
480     cout << c << "-" << d << "-" << a << "-" << b << "-" << e << endl;
481     cout << "Bilangan terbesar : " << e << endl;
482     cout << "Bilangan terkecil : " << c << endl;
483 }
484 else if ((d<a) && (a<b) && (b<e) && (e<c))
485 {
486     cout << d << "-" << a << "-" << b << "-" << e << "-" << c << endl;
487     cout << "Bilangan terbesar : " << d << endl;
488     cout << "Bilangan terkecil : " << e << endl;
489 }
490 else if ((a<c) && (c<b) && (b<d) && (d<e))
491 {
492     cout << a << "-" << c << "-" << b << "-" << d << "-" << e << endl;
493     cout << "Bilangan terbesar : " << e << endl;
494     cout << "Bilangan terkecil : " << a << endl;
495 }
496 else if ((c<b) && (b<d) && (d<e) && (e<a))
497 {
498     cout << c << "-" << b << "-" << d << "-" << e << "-" << a << endl;
499     cout << "Bilangan terbesar : " << a << endl;
500     cout << "Bilangan terkecil : " << c << endl;
501 }
502 else if ((b<d) && (d<e) && (e<a) && (a<c))
503 {
504     cout << b << "-" << d << "-" << e << "-" << a << "-" << c << endl;
505     cout << "Bilangan terbesar : " << c << endl;
506     cout << "Bilangan terkecil : " << b << endl;
507 }
508 else if ((d<e) && (e<a) && (a<b) && (b<c))
509 {
510     cout << d << "-" << e << "-" << a << "-" << b << "-" << c << endl;
511     cout << "Bilangan terbesar : " << c << endl;
512     cout << "Bilangan terkecil : " << d << endl;
513 }
514 else if ((e<a) && (a<c) && (c<b) && (b<d))
515 {
516     cout << e << "-" << a << "-" << c << "-" << b << "-" << d << endl;
517     cout << "Bilangan terbesar : " << d << endl;
518     cout << "Bilangan terkecil : " << e << endl;
519 }
520 else if ((a<c) && (c<d) && (d<b) && (b<e))
521 {
522     cout << a << "-" << c << "-" << d << "-" << b << "-" << e << endl;
523     cout << "Bilangan terbesar : " << e << endl;
524     cout << "Bilangan terkecil : " << a << endl;
525 }
526 else if ((c<d) && (d<b) && (b<e) && (e<a))
527 {
528     cout << c << "-" << d << "-" << b << "-" << e << "-" << a << endl;
529     cout << "Bilangan terbesar : " << a << endl;
530     cout << "Bilangan terkecil : " << c << endl;
531 }
532 else if ((d<b) && (b<e) && (e<a) && (a<c))
533 {
534     cout << d << "-" << b << "-" << e << "-" << a << "-" << c << endl;
535     cout << "Bilangan terbesar : " << c << endl;
536     cout << "Bilangan terkecil : " << d << endl;
537 }
538 else if ((b<e) && (e<a) && (a<c) && (c<d))
539 {
540     cout << b << "-" << e << "-" << a << "-" << c << "-" << d << endl;
541     cout << "Bilangan terbesar : " << d << endl;
542     cout << "Bilangan terkecil : " << b << endl;
543 }
544     else if ((e<a) && (a<c) && (c<b) && (b<d))
545     {
546         cout << e << "-" << a << "-" << c << "-" << b << "-" << d << endl;
547         cout << "Bilangan terbesar : " << d << endl;
548         cout << "Bilangan terkecil : " << e << endl;
549     }
550 else if ((a<c) && (c<e) && (e<b) && (b<d))
551 {
552     cout << a << "-" << c << "-" << e << "-" << b << "-" << d << endl;
553     cout << "Bilangan terbesar : " << d << endl;

```

```

554     cout << "Bilangan terkecil : " << a << endl;
555 }
556     else if ((c<e) && (e<b) && (b<d) && (d<a))
557     {
558         cout << c << "-" << e << "-" << b << "-" << d << "-" << a << endl;
559         cout << "Bilangan terbesar : " << a << endl;
560         cout << "Bilangan terkecil : " << c << endl;
561     }
562     else if ((e<b) && (b<d) && (d<a) && (a<c))
563     {
564         cout << e << "-" << b << "-" << d << "-" << a << "-" << c << endl;
565         cout << "Bilangan terbesar : " << c << endl;
566         cout << "Bilangan terkecil : " << e << endl;
567     }
568     else if ((b<d) && (d<a) && (a<c) && (c<e))
569     {
570         cout << b << "-" << d << "-" << a << "-" << c << "-" << e << endl;
571         cout << "Bilangan terbesar : " << e << endl;
572         cout << "Bilangan terkecil : " << b << endl;
573     }
574     else if ((d<a) && (a<c) && (c<e) && (e<b))
575     {
576         cout << d << "-" << a << "-" << c << "-" << e << "-" << b << endl;
577         cout << "Bilangan terbesar : " << b << endl;
578         cout << "Bilangan terkecil : " << d << endl;
579     }
580     else if ((a<d) && (d<b) && (b<c) && (c<e))
581     {
582         cout << a << "-" << d << "-" << b << "-" << c << "-" << e << endl;
583         cout << "Bilangan terbesar : " << e << endl;
584         cout << "Bilangan terkecil : " << a << endl;
585     }
586     else if ((d<b) && (b<c) && (c<e) && (e<a))
587     {
588         cout << d << "-" << b << "-" << c << "-" << e << "-" << a << endl;
589         cout << "Bilangan terbesar : " << a << endl;
590         cout << "Bilangan terkecil : " << d << endl;
591     }
592     else if ((b<c) && (c<e) && (e<a) && (a<d))
593     {
594         cout << b << "-" << c << "-" << e << "-" << a << "-" << d << endl;
595         cout << "Bilangan terbesar : " << d << endl;
596         cout << "Bilangan terkecil : " << e << endl;
597     }
598     else if ((c<e) && (e<a) && (a<d) && (d<b))
599     {
600         cout << c << "-" << e << "-" << a << "-" << d << "-" << b << endl;
601         cout << "Bilangan terbesar : " << b << endl;
602         cout << "Bilangan terkecil : " << c << endl;
603     }
604     else if ((e<a) && (a<d) && (d<b) && (b<c))
605     {
606         cout << e << "-" << a << "-" << d << "-" << b << "-" << c << endl;
607         cout << "Bilangan terbesar : " << c << endl;
608         cout << "Bilangan terkecil : " << e << endl;
609     }
610     else if ((a<d) && (d<b) && (b<c) && (c<e))
611     {
612         cout << a << "-" << d << "-" << b << "-" << c << "-" << e << endl;
613         cout << "Bilangan terbesar : " << e << endl;
614         cout << "Bilangan terkecil : " << a << endl;
615     }
616     else if ((e<b) && (b<c) && (c<d) && (d<a))
617     {
618         cout << e << "-" << b << "-" << c << "-" << d << "-" << a << endl;
619         cout << "Bilangan terbesar : " << a << endl;
620         cout << "Bilangan terkecil : " << e << endl;
621     }
622     else if ((b<c) && (c<d) && (d<a) && (a<e))
623     {
624         cout << b << "-" << c << "-" << d << "-" << a << "-" << e << endl;
625         cout << "Bilangan terbesar : " << e << endl;
626         cout << "Bilangan terkecil : " << b << endl;
627     }
628     else if ((c<d) && (d<a) && (a<e) && (e<b))
629     {
630         cout << c << "-" << d << "-" << a << "-" << e << "-" << b << endl;
631         cout << "Bilangan terbesar : " << b << endl;
632         cout << "Bilangan terkecil : " << c << endl;

```



```

633     }
634     else if ((d<a) && (a<e) && (e<b) && (b<c))
635     {
636         cout << d << "-" << a << "-" << e << "-" << b << "-" << c << endl;
637         cout << "Bilangan terbesar : " << c << endl;
638         cout << "Bilangan terkecil : " << d << endl;
639     }
640     cout << "_____ " << endl;
641     cout << "ULANGI? (YA/TIDAK) " << endl;
642     cin >> ulang;
643 }
644 while (ulang=="YA");
645 }
646

```