Generation out: 1

Showing solutions...

3 1 2 4 5 6 || Qtot: 0.613302

1 6 5 3 2 4 || Qtot: 0.625875

4 2 1 3 5 6 || Qtot: 0.625936

1 5 2 4 3 6 || Qtot: 0.626915

2 5 1 4 3 6 || Qtot: 0.628273

5 2 4 1 3 6 || Qtot: 0.634565

1 4 5 2 3 6 || Qtot: 0.631512

4 6 3 2 5 1 || Qtot: 0.638321

Generation out: 2

Showing solutions...

3 1 2 4 5 6 || Qtot: 0.613302

1 6 5 3 2 4 || Qtot: 0.625875

4 2 1 3 5 6 || Qtot: 0.625936

1 5 2 4 3 6 || Qtot: 0.626915

2 5 1 4 3 6 || Qtot: 0.628273

1 5 2 4 6 3 || Qtot: 0.630267

5 2 4 1 3 6 || Qtot: 0.634565

1 4 5 2 3 6 || Qtot: 0.631512

1 4 5 2 6 3 || Qtot: 0.634823

4 6 3 2 5 1 || Qtot: 0.638321

Generation out: 3

Showing solutions...

3 1 2 4 5 6 || Qtot: 0.613302

1 6 5 3 2 4 || Qtot: 0.625875

4 2 1 3 5 6 || Qtot: 0.625936

1 5 2 4 3 6 || Qtot: 0.626915

2 5 1 4 3 6 || Qtot: 0.628273

1 5 2 4 6 3 || Qtot: 0.630267

5 2 4 1 3 6 || Qtot: 0.634565

1 4 5 2 3 6 || Qtot: 0.631512

1 4 5 2 6 3 || Qtot: 0.634823

4 6 3 2 5 1 || Qtot: 0.638321

Generation out: 4

Showing solutions...

3 1 2 4 5 6 || Qtot: 0.613302

1 6 5 3 2 4 || Qtot: 0.625875

4 2 1 3 5 6 || Qtot: 0.625936

1 5 2 4 3 6 || Qtot: 0.626915

2 5 1 4 3 6 || Qtot: 0.628273

1 5 2 4 6 3 || Qtot: 0.630267

5 2 4 1 3 6 || Qtot: 0.634565

1 4 5 2 3 6 || Qtot: 0.631512

1 4 5 2 6 3 || Qtot: 0.634823

4 6 3 2 5 1 || Qtot: 0.638321

Generation out: 5

Showing solutions...

3 1 2 4 5 6 || Qtot: 0.613302

1 4 3 2 5 6 || Qtot: 0.623623

2 5 3 1 4 6 || Qtot: 0.623623

1 6 5 3 2 4 || Qtot: 0.625875

4 2 1 3 5 6 || Qtot: 0.625936

1 5 2 4 3 6 || Qtot: 0.626915

2 5 1 4 3 6 || Qtot: 0.628273

1 5 2 4 6 3 || Qtot: 0.630267

5 2 4 1 3 6 || Qtot: 0.634565

1 4 5 2 3 6 || Qtot: 0.631512

Generation out: 6

Showing solutions...

3 1 2 4 5 6 || Qtot: 0.613302

3 1 2 6 5 4 || Qtot: 0.614512

1 4 3 2 5 6 || Qtot: 0.623623

2 5 3 1 4 6 || Qtot: 0.623623

1 6 5 3 2 4 || Qtot: 0.625875

4 2 1 3 5 6 || Qtot: 0.625936

1 5 2 4 3 6 || Qtot: 0.626915

2 5 1 4 3 6 || Qtot: 0.628273

1 5 2 4 6 3 || Qtot: 0.630267

4 2 1 6 5 3 || Qtot: 0.632357

Generation out: 7

Showing solutions...

3 1 2 4 5 6 || Qtot: 0.613302

3 1 2 6 5 4 || Qtot: 0.614512

1 4 3 2 5 6 || Qtot: 0.623623

2 5 3 1 4 6 || Qtot: 0.623623

1 6 5 3 2 4 || Qtot: 0.625875

4 2 1 3 5 6 || Qtot: 0.625936

1 5 2 4 3 6 || Qtot: 0.626915

3 6 1 4 2 5 || Qtot: 0.628273

2 5 1 4 3 6 || Qtot: 0.628273

1 5 2 4 6 3 || Qtot: 0.630267

Generation out: 8

Showing solutions...

3 1 2 4 5 6 || Qtot: 0.613302

3 1 2 6 5 4 || Qtot: 0.614512

1 4 3 2 5 6 || Qtot: 0.623623

2 5 3 1 4 6 || Qtot: 0.623623

1 6 5 3 2 4 || Qtot: 0.625875

4 2 1 3 5 6 || Qtot: 0.625936

1 5 2 4 3 6 || Qtot: 0.626915

3 6 1 4 2 5 || Qtot: 0.628273

2 5 1 4 3 6 || Qtot: 0.628273

1 5 2 4 6 3 || Qtot: 0.630267

Generation out: 9

Showing solutions...

3 1 2 4 5 6 || Qtot: 0.613302

3 1 2 6 5 4 || Qtot: 0.614512

1 4 3 2 5 6 || Qtot: 0.623623

2 5 3 1 4 6 || Qtot: 0.623623

1 5 6 3 2 4 || Qtot: 0.625651

1 6 5 3 2 4 || Qtot: 0.625875

4 2 1 3 5 6 || Qtot: 0.625936

1 5 2 4 3 6 || Qtot: 0.626915

3 6 1 4 2 5 || Qtot: 0.628273

2 5 1 4 3 6 || Qtot: 0.628273

Generation out: 10

Showing solutions...

3 1 2 4 5 6 || Qtot: 0.613302

3 1 2 6 5 4 || Qtot: 0.614512

1 4 3 2 5 6 || Qtot: 0.623623

2 5 3 1 4 6 || Qtot: 0.623623

1 5 6 3 2 4 || Qtot: 0.625651

1 6 5 3 2 4 || Qtot: 0.625875

4 2 1 3 5 6 || Qtot: 0.625936

1 5 2 4 3 6 || Qtot: 0.626915

3 6 1 4 2 5 || Qtot: 0.628273

2 5 1 4 3 6 || Qtot: 0.628273

**Showing final solutions...**

**1 6 5 3 2 4 || Qtot: 0.625875**

**4 2 1 3 5 6 || Qtot: 0.625936**

**1 5 2 4 3 6 || Qtot: 0.626915**

**2 5 1 4 3 6 || Qtot: 0.628273**

**1 5 2 4 6 3 || Qtot: 0.630267**

**1 4 5 2 3 6 || Qtot: 0.631512**

**4 2 1 6 5 3 || Qtot: 0.632357**

**5 2 4 1 3 6 || Qtot: 0.634565**

**1 4 5 2 6 3 || Qtot: 0.634823**

**4 6 3 2 5 1 || Qtot: 0.638321**

Population size: 10

real\_size\_population / number of solutions found: 10

solution - Maximum:

2 5 1 4 3 6 | Qtot: 0.628273

Time for to run the genetic algorithm: 52.381 seconds.Press any key to continue . . .