

Scenario:

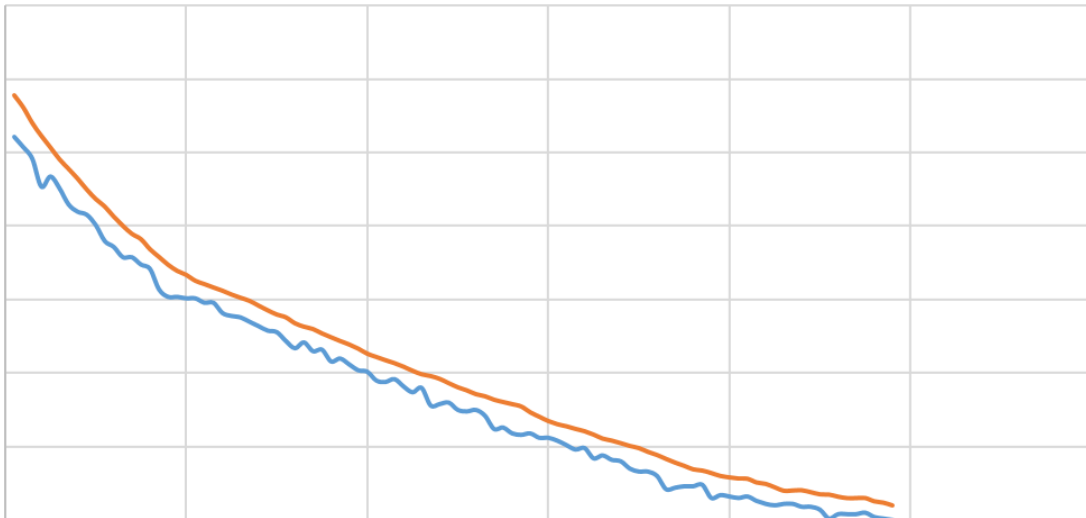
Size of population – 20;  
 Size of chromosome – 60;  
 Mutation percent – 0.01;  
 Uniform crossover;  
 Truncate selection mode;

|   |           |
|---|-----------|
| 1 | LightBlue |
| 2 | Orange    |
| 3 | Gray      |
| 4 | Yellow    |
| 5 | Blue      |
| 6 | Green     |

|          |          |         |         |         |         |          |
|----------|----------|---------|---------|---------|---------|----------|
| 1,518986 | 13,58285 | 3,34954 | 1,23053 | 72,078  | 0,58995 | 8,90548  |
| 1,512152 | 12,991   | 3,47077 | 1,12139 | 72,9796 | 0,621   | 8,34596  |
| 1,519761 | 13,80895 | 3,57853 | 1,32041 | 71,7196 | 0,11799 | 8,66876  |
| 1,51762  | 13,88875 | 3,60098 | 1,35893 | 72,7276 | 0,47817 | 7,82948  |
| 1,517847 | 12,67845 | 3,66833 | 1,15991 | 73,1084 | 0,60858 | 8,70104  |
|          |          |         |         |         |         |          |
| 1,518713 | 12,93115 | 3,65935 | 1,56116 | 72,5092 | 0,57753 | 8,5504   |
| 1,521765 | 13,7491  | 1,01025 | 1,35893 | 72,19   | 0,32913 | 11,14356 |
| 1,516276 | 12,99765 | 3,57853 | 1,53869 | 72,8284 | 0,60858 | 8,04468  |
| 1,516184 | 13,01095 | 3,5022  | 1,48091 | 72,89   | 0,60237 | 8,12     |
| 1,516048 | 12,8979  | 3,43934 | 1,44881 | 73,58   | 0,44091 | 8,27064  |
|          |          |         |         |         |         |          |
| 1,51664  | 13,1373  | 3,44832 | 1,76018 | 72,4812 | 0,60237 | 8,37824  |
| 1,521219 | 14,0284  | 3,75813 | 0,5789  | 71,7924 | 0,11178 | 9,64792  |
| 1,516458 | 13,03755 | 3,39893 | 1,25942 | 73,0076 | 0,52164 | 8,58268  |
| 1,522107 | 14,188   | 3,78058 | 0,90953 | 71,3612 | 0,22977 | 9,1422   |
| 1,516936 | 12,858   | 3,57853 | 1,31078 | 72,61   | 0,60858 | 8,78712  |
|          |          |         |         |         |         |          |
| 1,513155 | 13,0176  | 0       | 3,04097 | 70,482  | 6,21    | 6,95792  |
| 1,521196 | 12,97105 | 0,32777 | 1,5098  | 73,3884 | 0,13041 | 11,27268 |
| 1,521515 | 11,02925 | 1,71069 | 1,56116 | 73,4388 | 0,57753 | 11,617   |
| 1,5132   | 12,99765 | 0       | 3,0185  | 70,7004 | 6,21    | 6,92564  |
| 1,516663 | 12,858   | 0       | 1,8308  | 73,8812 | 0,96876 | 10,17516 |
|          |          |         |         |         |         |          |
| 1,51115  | 17,38    | 0       | 0,34136 | 75,41   | 0       | 6,64588  |
| 1,519374 | 13,789   | 2,41113 | 1,1888  | 72,7612 | 0       | 9,76628  |
| 1,51828  | 14,46065 | 2,24051 | 1,61894 | 72,3804 | 0       | 9,26056  |
| 1,518531 | 14,08825 | 2,19112 | 1,66067 | 72,6716 | 0       | 9,32512  |
| 1,512995 | 14,4008  | 1,74212 | 1,53869 | 74,5476 | 0       | 7,59276  |
|          |          |         |         |         |         |          |
| 1,516389 | 14,36755 | 0       | 2,73923 | 72,8508 | 0       | 9,45424  |
| 1,523155 | 13,4432  | 3,34056 | 1,23053 | 72,3804 | 0,60237 | 8,83016  |
| 1,515455 | 14,14145 | 0       | 2,68145 | 73,3884 | 0,08073 | 9,06688  |
| 1,516503 | 14,38085 | 0       | 1,93994 | 73,6124 | 0       | 8,47508  |
| 1,516822 | 14,5604  | 0       | 1,97846 | 73,2876 | 0       | 8,51812  |

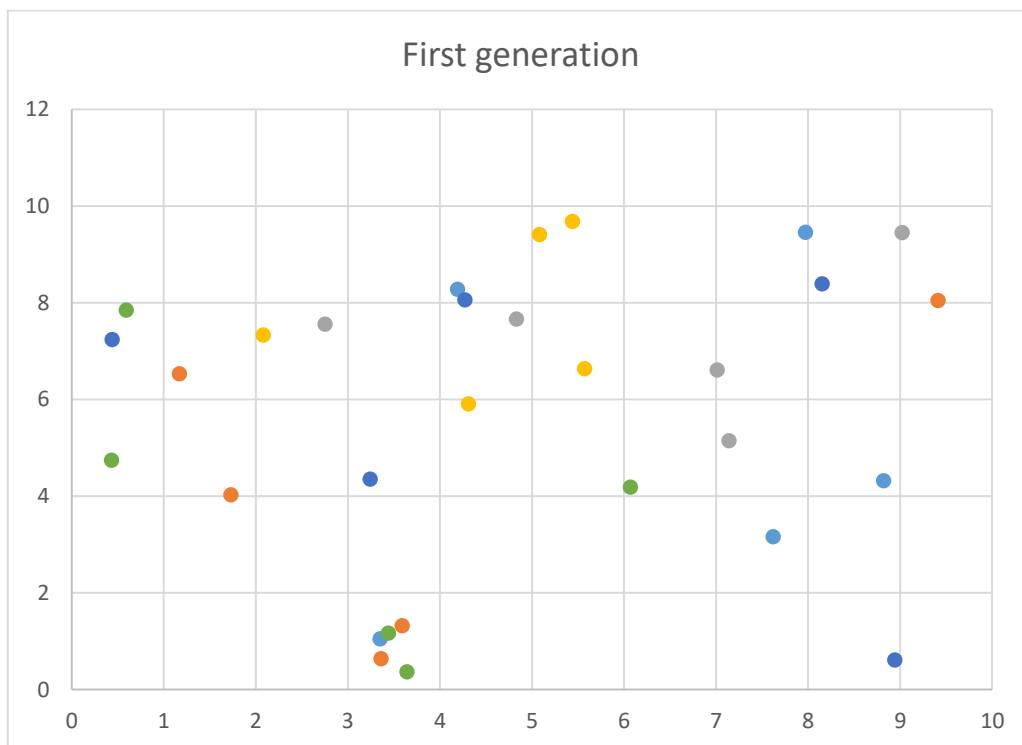
Fitness:

Fitness

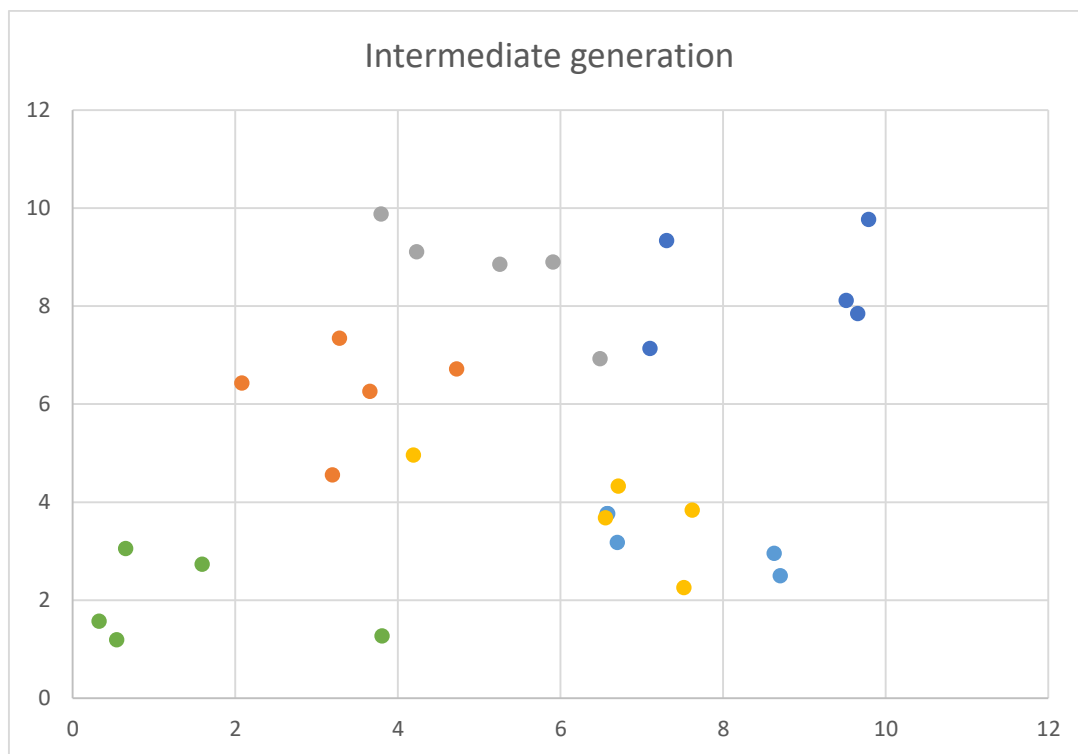


The best chromosome in first generation:

First generation



The best chromosome in intermediate generation (345):



The best chromosome in last generation:

