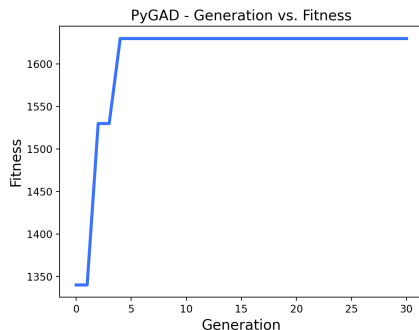


Raport laboratoria nr 2

Zadanie nr 2

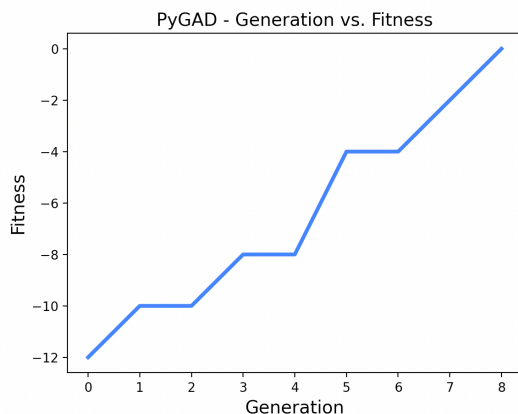


```
Parameters of the best solution : [0. 1. 1. 0. 1. 0. 1. 1. 0. 0. 0.]  
Fitness value of the best solution = 1630
```

```
Process finished with exit code 0
```

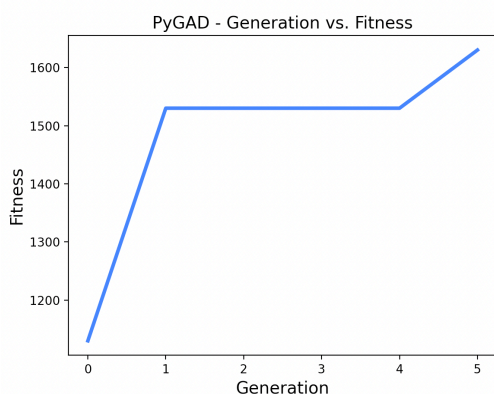
Zadanie nr 3

A-D. $Fitness == 0$ został osiągnięty w 8 pokoleniu, średni czas wyniósł: 0.0029732227325439454



```
Average time length of the algorithm based on 10 invokes: 0.0029732227325439454  
Parameters of the best solution : [0. 1. 1. 1. 0. 0. 1. 1. 1. 0. 0. 0. 0. 1. 1.]  
Fitness value of the best solution = -0.0  
Predicted output based on the best solution : 254.0  
Generations created before the best solution was found : 8
```

E. $Fitness \geq 1600$ został osiągnięty w 5 pokoleniu, średni czas wyniósł: 0.0084916353225708

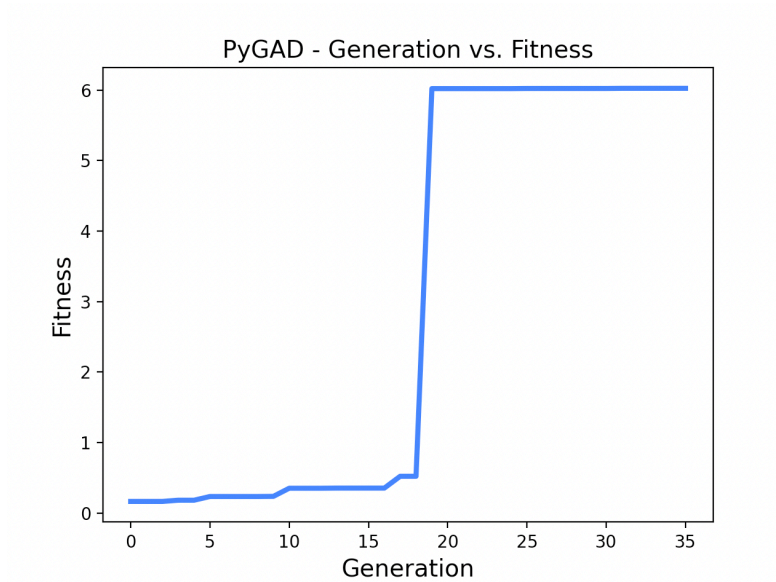


```
Average time length of the algorithm based on 10 invokes: 0.0084916353225708  
Parameters of the best solution : [0. 1. 1. 0. 1. 0. 1. 1. 0. 1. 0.]  
Fitness value of the best solution = 1630  
Generations created before the best solution was found : 5
```

Zadanie nr 4

A-E, G.

```
Parameters of the best solution : [1. 1. 0. 2. 1. 1. 0. 1. 3. 1. 1. 2. 0. 1. 0. 2. 2. 2. 2. 2. 1. 0. 1. 2.
1. 2. 2. 1. 1. 2.]
Fitness value of the best solution = 6.024
```



F.

```
Average time length of the algorithm based on 9 success invokes out of 10: 0.041234731674194336
Parameters of the best solution : [0. 1. 3. 1. 1. 2. 1. 1. 0. 1. 1. 1. 2. 1. 2. 2. 1. 2. 2. 1. 0. 0. 2. 2.
1. 2. 1. 2. 2. 2.]
Fitness value of the best solution = 6.022
Generations created before the best solution was found :| 6
```

