| Genetic Algorithm                                     |
|---|
|   |
| generate initial population                           |
| _   |
|   |
|   |
| test the population for quality                       |
| select individual to reproduce                        |
| produce new variations of individuals                 |
| replace old individuals with new one – new generation |
| while not satisfied                                   |
| wille not saushed                                     |

```
for i=1 to n
M(p_i) = simulate (model, parameters = p_i)
q_i = \sum_{i=1}^{m} (M(t_j, p_i) - data(t_j))^2
```

test population(model,p)

return(q)





