

Genetic Algorithm

generate initial population



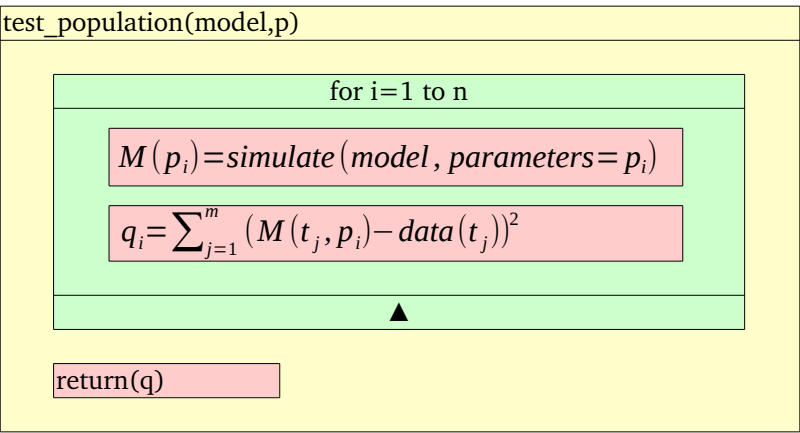
test the population for quality

select individual to reproduce

produce new variations of individuals

replace old individuals with new one – new generation

while not satisfied

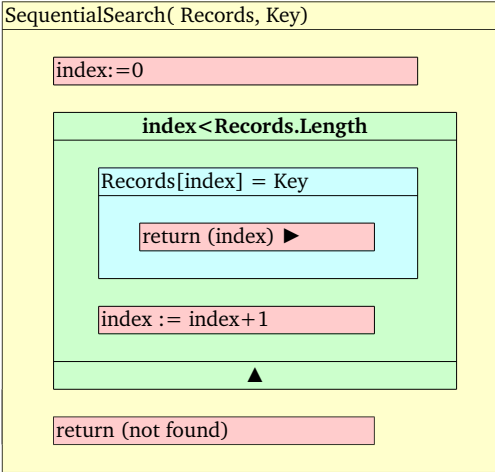


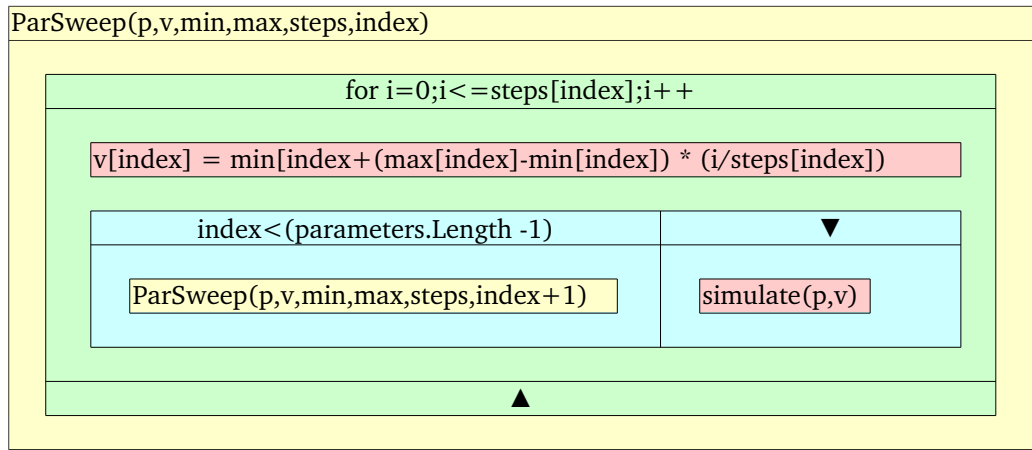
```
int function SequentialSearch(Array Records, int Key)
{

    for (int index=0;i<Records.Length;i+ +)
    {
        if (Records[index]=Key)
        {
            return (index)
        }

    }

    return(-1)
}
```





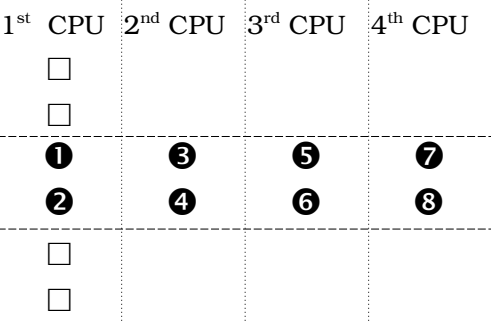
serial



total time

12

parallel



6