

Hw7

```
Jacobi solution: [0 1 2 2 3 2]
Iterations: 6
Gauss-Seidel solution: [0 1 2 2 3 2]
Iterations: 4
SOR solution: [0 1 2 2 3 2]
Iterations: 4
Conjugate Gradient solution: [1.17656665 1.64269366 2.44433267 3.06002082 3.95260785 3.09922059]
Iterations: 1000
```