CVXPY

```
take = cp. Variable ( len (weights) , boolean = True)
take,
```

```
weight-constraint = [weights x take <= total-weight]
total-cost = cost x take
```

```
knapsack-problem = cp. Problem (
      cp. Maximize (total-cost, weight-constraint)
)
```

MIN VERTEX COVER

```
e = 7          }   see tutorial 3. zip.
V = 6              (jupyter notebook)
```