CSC4008Ass2

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3.3

```
age = c(13, 15, 16, 16, 19, 20, 20, 21, 22,
        22, 25, 25, 25, 25, 30, 33, 33, 35,
        35, 35, 35, 36, 40, 45, 46, 52, 70)
```

3.9

```
salesPrice = c(5, 10, 11, 13, 15, 35, 50,
               55, 72, 92, 204, 215)
kmeans(salesPrice,centers=3,nstart = 5)
```

```
## K-means clustering with 3 clusters of sizes 2, 6, 4
##
## Cluster means:
##        [,1]
## 1 209.50000
## 2  14.83333
## 3  67.25000
##
## Clustering vector:
##  [1] 2 2 2 2 2 2 3 3 3 3 1 1
##
## Within cluster sum of squares by cluster:
## [1]   60.5000  544.8333 1082.7500
##  (between_SS / total_SS =  97.1 %)
##
## Available components:
##
## [1] "cluster"      "centers"      "totss"        "withinss"     "tot.withinss"
## [6] "betweenss"    "size"         "iter"         "ifault"
```