```
from sklearn.tree import DecisionTreeRegressor, plot_tree

X = df2[['weight', 'male']].values
y = df2.height.values
fitcriterion = 'squared_error'   # 'squared_error', "friedman_mse", "absolute_error", "poisson"
tree = DecisionTreeRegressor(criterion = fitcriterion,\
                             max_depth = None,\
                             max_leaf_nodes = 6).fit(X, y )

tree.tree_.node_count  # number of terminal nodes
```

```
11
```

```
tree.tree_.max_depth
```

```
3
```

```
tree.score(X, y)   # R2
```

```
0.692347599184687
```

```
plot_tree(tree)
```