```python
In [1]:  # Importing the libraries
         import numpy as np
         import pandas as pd
         import matplotlib.pyplot as plt
```

```python
In [2]:  dataset = pd.read_csv('hiring.csv')
         dataset.head()
```

Out[2]:

	experience	test_score	interview_score	salary
0	1	8	9	50000
1	1	8	6	45000
2	5	6	7	60000
3	2	10	10	65000
4	7	9	6	70000

```python
In [3]:  dataset.shape
```

Out[3]: (8, 4)

```python
In [4]:  X = dataset.iloc[:, :3]
         y = dataset.iloc[:, -1]
```

```python
In [5]:  from sklearn.linear_model import LinearRegression
         regressor = LinearRegression()
```

```python
In [6]:  #Fitting model with trainig data
         regressor.fit(X, y)
```

Out[6]: LinearRegression()

```python
In [7]:  regressor.score(X,y)
```

Out[7]: 0.9517383921818202

```python
In [8]:  regressor.intercept_
```

Out[8]: 10234.301838182706

```python
In [9]:  regressor.coef_
```

Out[9]: array([3158.11642505, 2290.6945836 , 2440.91847793])

```python
In [10]:  regressor.predict([[2, 9, 6]])
```

Out[10]: array([51812.29680823])

Save the final Model

```
In [11]: import pickle
```

```
In [12]: # Saving model to disk
         pickle.dump(regressor, open('model.pkl','wb'))
```

```
In [13]: # Loading model to compare the results
         reg_model = pickle.load(open('model.pkl','rb'))
```

```
In [14]: # compare the results
         reg_model.predict([[2, 9, 6]])
```

Out[14]: array([51812.29680823])