Develop a program to implement K Means clustering model for the given value of K, where K is number of clusters
"""

```
import pandas as pd
customers_df = pd.read_csv('Income Data.csv')

customers_df.head(5)

# Commented out IPython magic to ensure Python compatibility.
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sn
# %matplotlib inline

sn.lmplot('age', 'income', data=customers_df, fit_reg = False,size = 4);

from sklearn.cluster import KMeans
clusters = KMeans(3)
clusters.fit(customers_df)

customers_df['clusterid'] = clusters.labels_

customers_df[0:5]

customers_df.groupby('clusterid')['age','income'].agg(['mean']).reset_index()

markers = ['+','^','.']
sn.lmplot('age', 'income',data = customers_df,hue = 'clusterid',fit_reg = False,markers =
markers,size = 4)
```