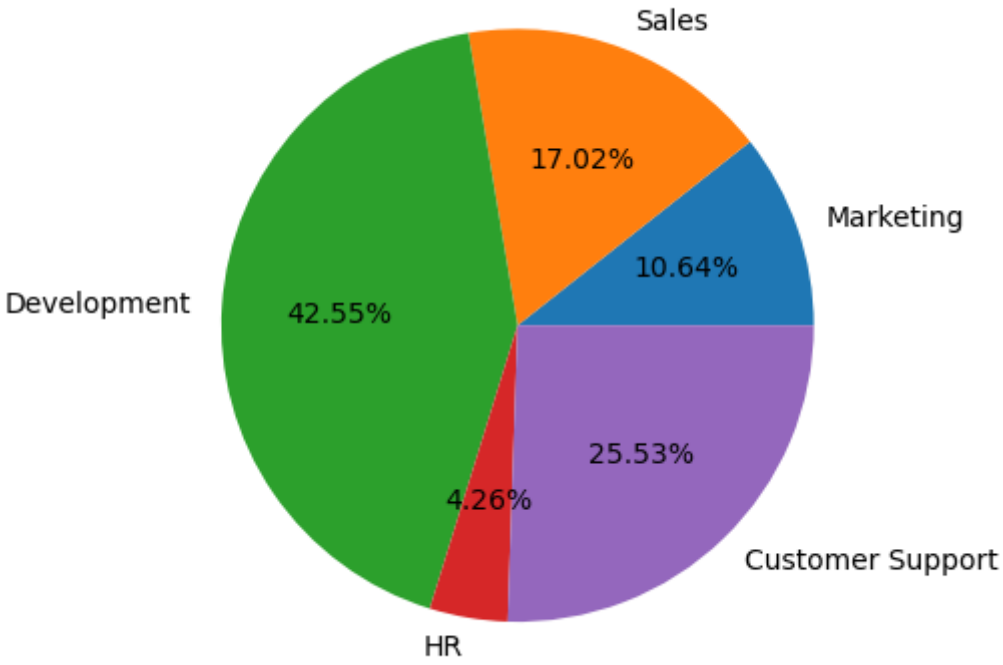
In [33]:
```
import matplotlib.pyplot as plt
%matplotlib inline
```

Pie Chart

Pie Chart

In [34]:
```
areas=['Marketing', 'Sales', 'Development', 'HR', 'Customer Support']
budget=[2.5,4,10,1,6]
```

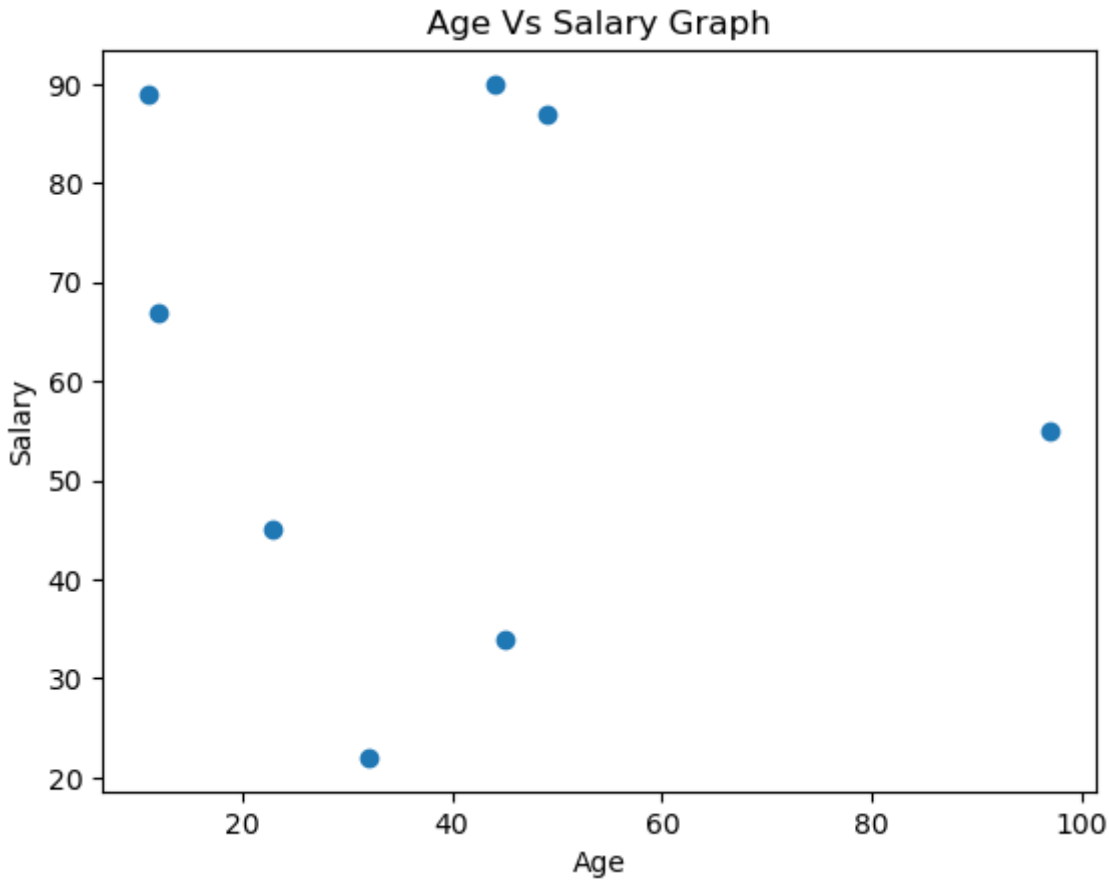
In [35]:
```
plt.pie(budget, labels=areas, autopct="%0.2f%%")
plt.show()
```



Scatter Plot

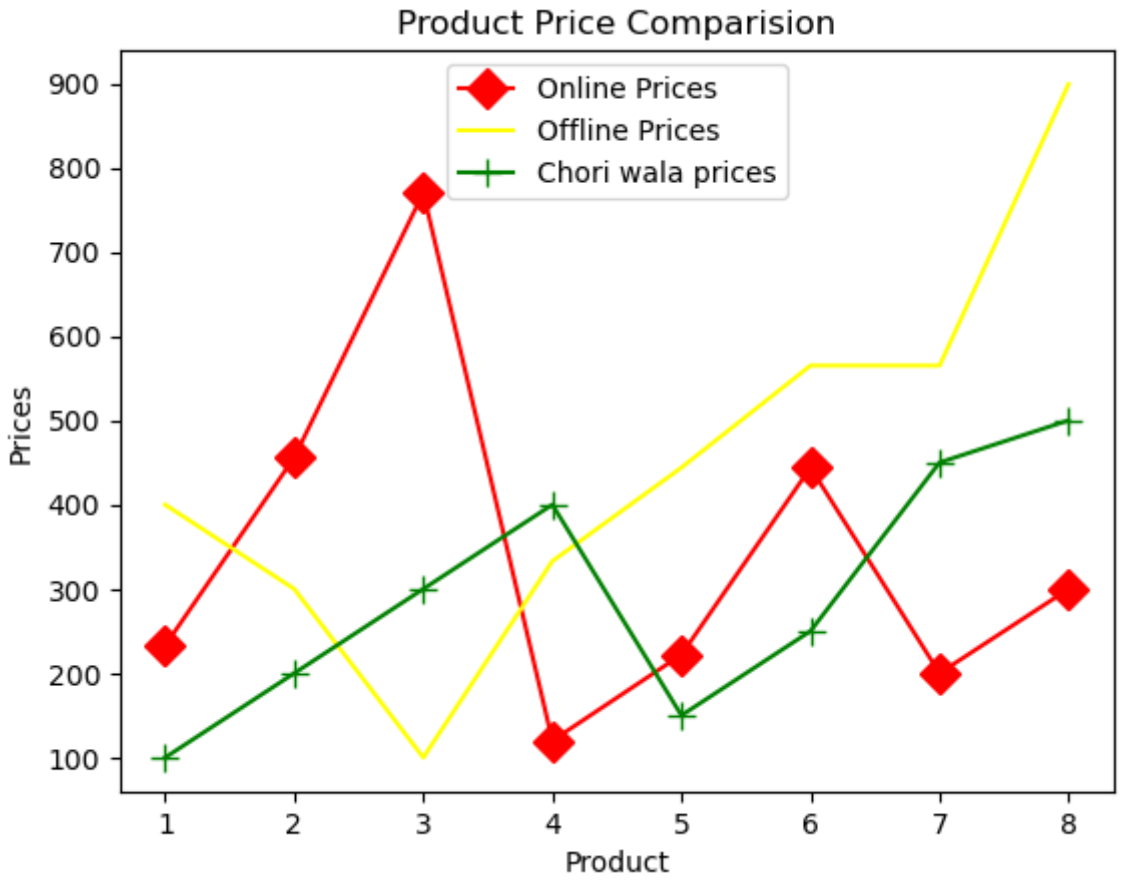
In [36]:
```
x=[23,45,12,49,97,32,11,44]
y=[45,34,67,87,55,22,89,90]

plt.scatter(x,y)
plt.xlabel('Age')
plt.ylabel('Salary')
plt.title('Age Vs Salary Graph')
```

Out[36]:
```
Text(0.5, 1.0, 'Age Vs Salary Graph')
```

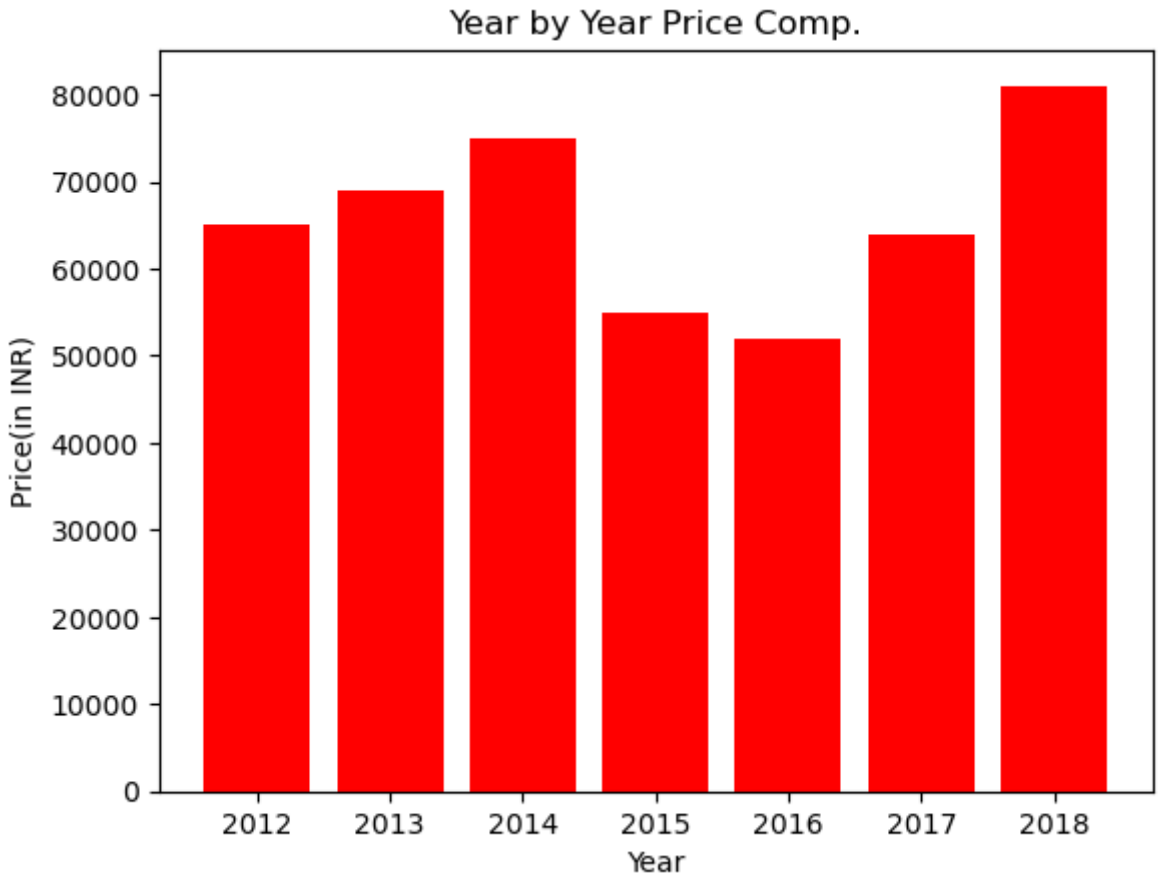


In [37]:
```
product_id=[1,2,3,4,5,6,7,8]
online_price=[233,456,770,120,222,444,200,300]
Offline_price=[400,300,100,333,444,565,565,899]
chor_bazaar=[100,200,300,400,150,250,450,500]
```

In [38]:
```
plt.plot(product_id, online_price, color='red', marker='D', markersize=10, label="
plt.plot(product_id, Offline_price, color='yellow', markersize=10,label="Offline P
plt.plot(product_id, chor_bazaar, color='green', marker="+", markersize=10, label=
plt.xlabel("Product")
plt.ylabel("Prices")
plt.title("Product Price Comparision")
plt.legend()
plt.show()
```



In [44]:
```
year=[2012,2013,2014,2015,2016,2017,2018]

price=[65000, 69000, 75000, 55000, 52000, 64000, 81000]

plt.bar(year, price, color='red')
plt.xlabel('Year')
plt.ylabel("Price(in INR)")
plt.title("Year by Year Price Comp.")
plt.show()
```


Year by Year Price Comp.
Price(in INR)
0
10000
20000
30000
40000
50000
60000
70000
80000
2012
2013
2014
2015
2016
2017
2018
Year

In [ ]: