In [1]:
```
# import lib

import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
```

In [2]:
```
# Pie Chart

city = ["hydearbad","secandrabad","ambala","delhi","mumbai","puna","goa"]
data = [56,34,12,92,98,45,32]
```

In [3]:
```
plt.pie([1])
plt.show()
```

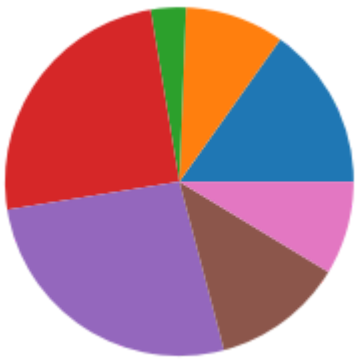
In [ ]:
```

```

In [4]:
```
# Pie Chart

city = ["hydearbad","secandrabad","ambala","delhi","mumbai","puna","goa"]
data = [56,34,12,92,98,45,32]

plt.pie(data)
plt.show()
```

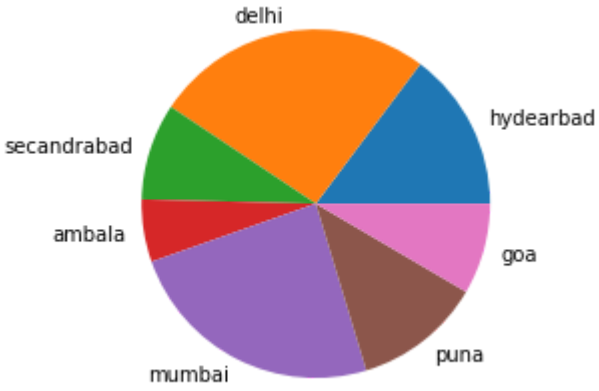


In [ ]:

In [8]:
```
# Pie Chart

city = ["hydearbad","delhi","secandrabad","ambala","mumbai","puna","goa"]
data = [56,98,34,22,92,45,32]

plt.pie(data,labels=city)
plt.show()
```



In [ ]:

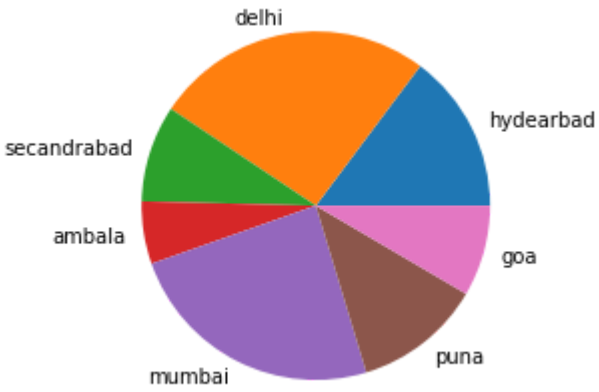
In [ ]:

In [9]:
```
# Pie Chart

city = ["hydearbad","delhi","secandrabad","ambala","mumbai","puna","goa"]
data = [56,98,34,22,92,45,32]

move = [0,0,0,0,0,0,0]

plt.pie(data,labels=city,explode=move)
plt.show()
```

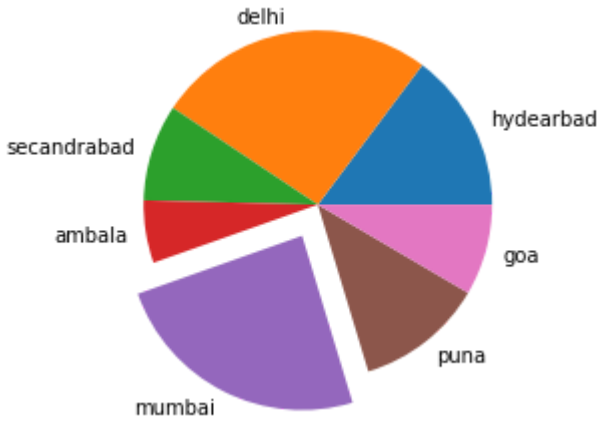


In [12]:
```
# Pie Chart

city = ["hydearbad","delhi","secandrabad","ambala","mumbai","puna","goa"]
data = [56,98,34,22,92,45,32]

move = [0,0,0,0,0.2,0,0]

plt.pie(data,labels=city,explode=move)
plt.show()
```



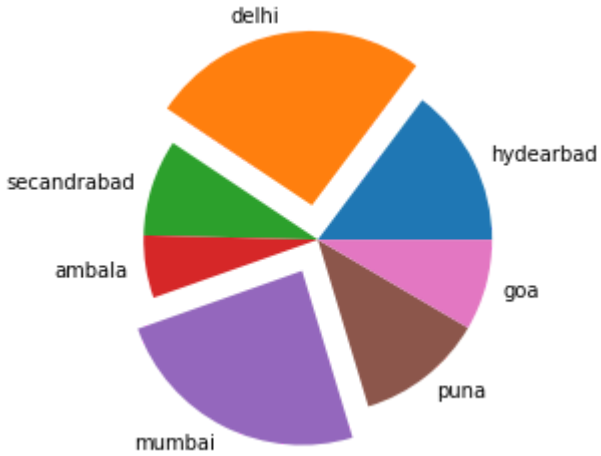
In [ ]:

In [13]:
```
# Pie Chart

city = ["hydearbad","delhi","secandrabad","ambala","mumbai","puna","goa"]
data = [56,98,34,22,92,45,32]

move = [0,0.2,0,0,0.2,0,0]

plt.pie(data,labels=city,explode=move)
plt.show()
```



In [ ]:

In [16]:
```
# Pie Chart

city = ["hydearbad","delhi","secandrabad","ambala","mumbai","puna","goa"]
data = [56,98,34,22,92,45,32]

move = [0,0.2,0,0,0.2,0,0]
color = ['r','g','b','k','y','m','c']
plt.pie(data,labels=city,explode=move,colors=color)
plt.show()
```

In [ ]:
```

```

In [17]:
```
# Python
print("%.1f"%(39.5467890000000))
```

```
39.5
```

In [18]:
```
# Python
print("%.2f"%(39.5467890000000))
```

```
39.55
```

In [19]:
```
# Python
print("%.3f"%(39.5467890000000))
```

```
39.547
```

In [21]:
```
# Python
print("%.4f"%(39.5467890000000))
```

```
39.5468
```

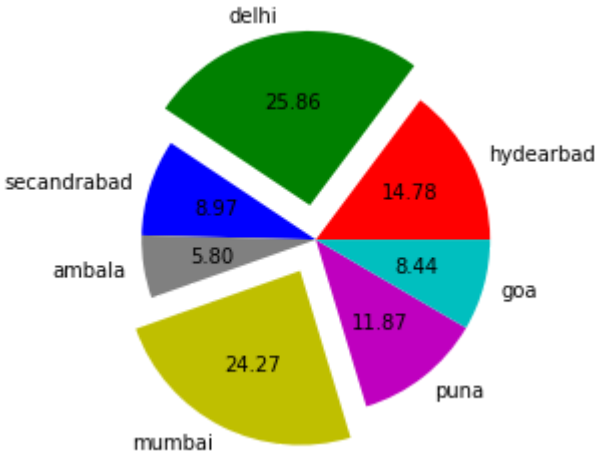
In [ ]:
```

```

In [25]:
```
# Pie Chart

city = ["hydearbad","delhi","secandrabad","ambala","mumbai","puna","goa"]
data = [56,98,34,22,92,45,32]

move = [0,0.2,0,0,0.2,0,0]
color = ['r','g','b','gray','y','m','c']
plt.pie(data,labels=city,explode=move,colors=color,autopct="%.2f")
plt.show()
```

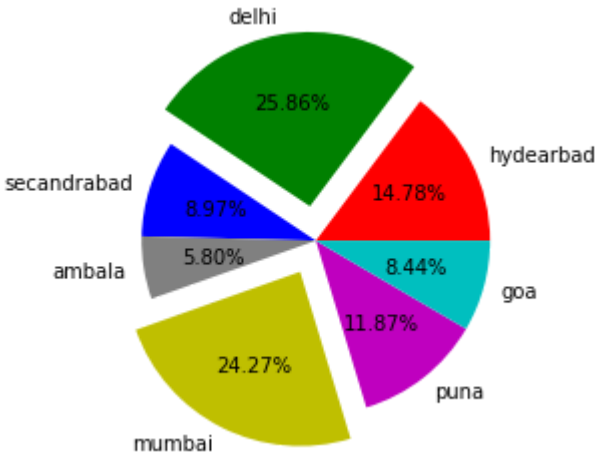


In [ ]:

In [26]:
```
# Pie Chart

city = ["hydearbad","delhi","secandrabad","ambala","mumbai","puna","goa"]
data = [56,98,34,22,92,45,32]

move = [0,0.2,0,0,0.2,0,0]
color = ['r','g','b','gray','y','m','c']
plt.pie(data,labels=city,explode=move,colors=color,autopct="%.2f%%")
plt.show()
```



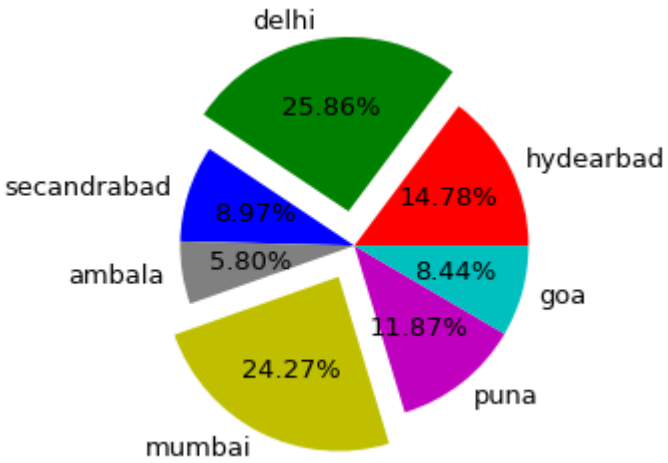
In [ ]:
```

```

In [29]:
```
# Pie Chart

city = ["hydearbad","delhi","secandrabad","ambala","mumbai","puna","goa"]
data = [56,98,34,22,92,45,32]
figsize= {"fontsize":13}

move = [0,0.2,0,0,0.2,0,0]
color = ['r','g','b','gray','y','m','c']
plt.pie(data,labels=city,explode=move,colors=color,autopct="%.2f%%",textprops =
plt.show()
```



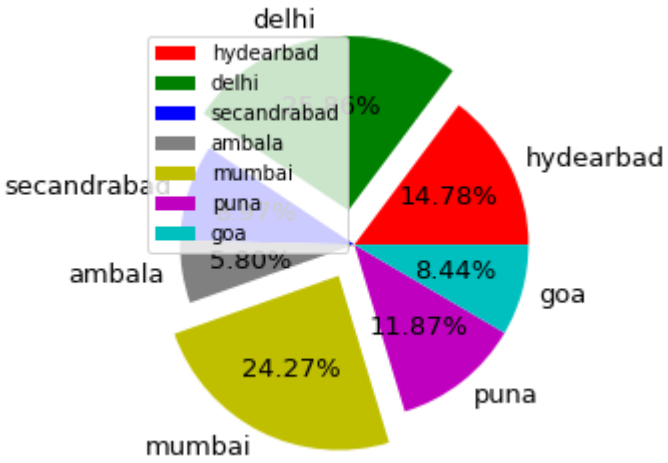
In [ ]:
```

```

In [30]:
```
# Pie Chart

city = ["hydearbad","delhi","secandrabad","ambala","mumbai","puna","goa"]
data = [56,98,34,22,92,45,32]
figsize= {"fontsize":13}

move = [0,0.2,0,0,0.2,0,0]
color = ['r','g','b','gray','y','m','c']
plt.pie(data,labels=city,explode=move,colors=color,autopct="%.2f%%",textprops =
plt.legend()
plt.show()
```



In [ ]:

In [ ]:

In [32]:
```
month1 = [300,450,230,600,780,120,45,12,13,15,17,19,60]
month2 = [451,14,560,780,13,14,3,5,7,9,320,121,112]
```

In [37]:
```
res1 = sum(month1)
res1
```

Out[37]: 2661

In [38]:
```
res2 = sum(month2)
res2
```

Out[38]: 2409

In [39]:
```
# Pie Chart

city = ["Month-1","Month-2"]
data = [res1,res2]
figsize= {"fontsize":13}

move = [0,0]
color = ['r','g']
plt.pie(data,labels=city,explode=move,colors=color,autopct="%.2f%%",textprops = 
plt.legend()
plt.show()
```