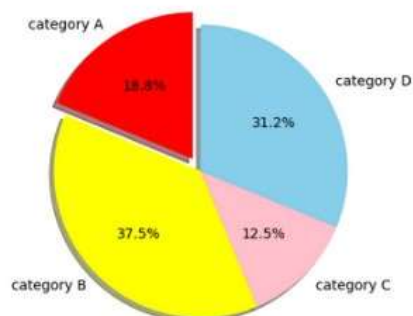# Practicle-6

AIM : To create and exploded pie chart

```python
In [27]: import matplotlib.pyplot as plt
         counts=[15,30,10,25]
         category=['category A','category B','category C','category D']
         exp=[0.1,0,0,0]
         color=['red','yellow','pink','skyblue']
         plt.pie(counts,labels=category,autopct='%1.1f%%',explode=exp,startangle=90,shadow=True,colors=color)
         plt.show()
```
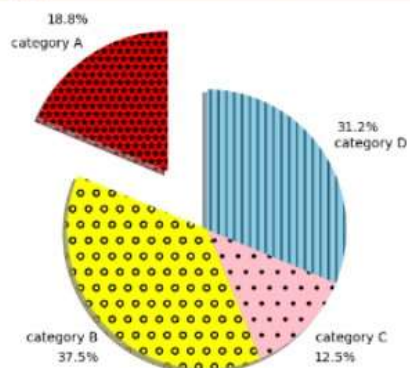


```
In [ ]:
```

```python
In [32]: import matplotlib.pyplot as plt
         counts=[15,30,10,25]
         category=['category A','category B','category C','category D']
         exp=[0.5,0,0,0]
         color=['red','yellow','pink','skyblue']

         plt.pie(counts,labels=category,autopct='%1.1f%%',explode=exp,startangle=90,shadow=True,colors=color,pctdistance=1.3,hatch=['**0','o0','0.0','||'])
         plt.show()
```

```
C:\Users\student\AppData\Local\Temp\ipykernel_8348\448894047.py:7: MatplotlibDeprecationWarning: hatch must consist of a string of "*+-./OX\ox|" or
None, but found the following invalid values "0". Passing invalid values is deprecated since 3.4 and will become an error in 3.8.
  plt.pie(counts,labels=category,autopct='%1.1f%%',explode=exp,startangle=90,shadow=True,colors=color,pctdistance=1.3,hatch=['**0','o0','0.0
','||'])
```



```
In [ ]:
```