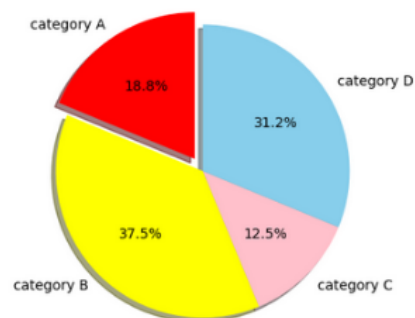## Practicle-6

AIM : To create and exploded pie chart

In [27]:
```python
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()
```
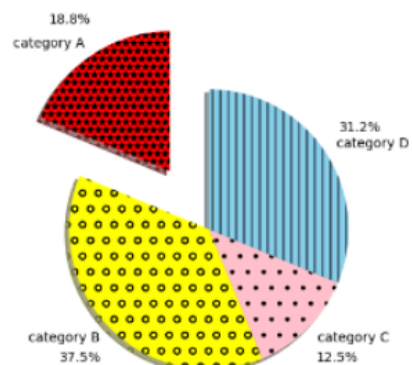

In [ ]:

In [32]:
```python
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 [ ]:

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