In [1]:
```
import pandas as pd
import numpy as np
```

In [2]:
```
data = pd.read_csv('C:/Users/shara/OneDrive/Desktop/ML LAB/enjoysport.csv')
```

In [6]:
```
concepts = np.array(data)[:,:-1]
print(np.array(data)[:,:-1])
```

```
[['sunny' 'warm' 'normal' 'strong' 'warm' 'same']
 ['sunny' 'warm' 'high' 'strong' 'warm' 'same']
 ['rainy' 'cold' 'high' 'strong' 'warm' 'change']
 ['sunny' 'warm' 'high' 'strong' 'cool' 'change']]
```

In [7]:
```
target = np.array(data)[:,-1]
print(np.array(data)[:,-1])
```

```
['yes' 'yes' 'no' 'yes']
```

In [14]:
```
def train(con,tar):
    for i, val in enumerate(tar):
        if val == 'yes':
            specific_h = con[i].copy()
            break
    for i,val in enumerate(con):
        if tar[i] == 'yes':
            for x in range(len(specific_h)):
                if val[x] != specific_h[x]:
                    specific_h[x]='?'
                else:
                    pass
    return specific_h
print(train(concepts,target))
```

```
['sunny' 'warm' '?' 'strong' '?' '?']
```

In [ ]:
```
```