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```
import pandas as pd
df=pd.read_csv('dataset1.csv')
print(df)
```

Output:

```
Year Format Host Final Venue Winner Margin Runner up
0 1984 ODI UAE Sharjah India 54 runs Pakistan
1 1986 ODI Sri Lanka Colombo (SSC) Sri Lanka 5 wickets Pakistan
2 1988 ODI Bangladesh Dhaka India 6 wickets Sri Lanka
3 1991 ODI India Kolkata India 7 wickets Sri Lanka
4 1995 T20I UAE Sharjah India 8 wickets Sri Lanka
5 1997 ODI Sri Lanka Colombo (RPS) Sri Lanka 8 wickets India
6 2000 ODI Bangladesh Dhaka Pakistan 39 runs Sri Lanka
7 2004 ODI Sri Lanka Colombo (RPS) Sri Lanka 25 runs India
8 2008 T20I Pakistan Karachi Sri Lanka 100 runs India
9 2010 ODI Sri Lanka Dambulla India 81 runs Sri Lanka
10 2012 ODI Bangladesh Mirpur Pakistan 2 runs Bangladesh
11 2014 ODI Bangladesh Mirpur Sri Lanka 5 wickets Pakistan
12 2016 T20I Bangladesh Mirpur India 8 wickets Bangladesh
```

#a.Find the country who has won the most Asia Cup

```
G=df.groupby('Winner')['Year'].sum().idxmax()
print("The most asia cup won by team :",G)
```

Output:

the most asia cup won by team India

#b.Find the country who Host most Asia Cup tournaments

```
H=df.groupby('Host')['Year'].sum().idxmax()
print("The country hosted most asia cup:",H)
```

Output:

The country hosted most asia cup: Bangladesh

#c. Find the country who has the runner up in 1988 , 2004 and 2016

```
J=df.loc[df['Year'].isin([1988, 2004, 2016]),['Runner up']].values
```

```
print("The runner up teams in 1988,2004,2016 are\n",J)
```

Output:

The runner up teams in 1988,2004,2016 are

```
[['Sri Lanka']
```

```
['India']
```

```
['Bangladesh']]
```

#d. Find the different formats of Asia Cup

```
L=df['Format'].unique()
```

```
print("The different type of formate is",L)
```

Output:

The different type of formate is ['ODI' 'T20I']

#e. Clean the dataset if record is empty with 0 values or delete incomplete data row

```
C=df.fillna(0)
```

```
print(C)
```

Output:

	Year	Format	Host	Final Venue	Winner Margin	Runner up
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0	1984	ODI	UAE Sharjah	India	54 runs	Pakistan
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1	1986	ODI	Sri Lanka Colombo (SSC)	Sri Lanka	5 wickets	Pakistan
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2	1988	ODI	Bangladesh Dhaka	India	6 wickets	Sri Lanka
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3	1991	ODI	India Kolkata	India	7 wickets	Sri Lanka
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4	1995	T20I	UAE Sharjah	India	8 wickets	Sri Lanka
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5	1997	ODI	Sri Lanka Colombo (RPS)	Sri Lanka	8 wickets	India
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6	2000	ODI	Bangladesh Dhaka	Pakistan	39 runs	Sri Lanka
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7	2004	ODI	Sri Lanka Colombo (RPS)	Sri Lanka	25 runs	India
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8 2008 T20I Pakistan Karachi Sri Lanka 100 runs India

9 2010 ODI Sri Lanka Dambulla India 81 runs Sri Lanka

10 2012 ODI Bangladesh Mirpur Pakistan 2 runs Bangladesh

11 2014 ODI Bangladesh Mirpur Sri Lanka 5 wickets Pakistan

12 2016 T20I Bangladesh Mirpur India 8 wickets Bangladesh

#f. Find the All Year of Asia cup won by India

```
V=df.loc[df['Winner']=='India',['Year']].tail()
```

```
print("The Years in which india won asia cup\n",V.to_string(index=False,header=False))
```

Output:

The Years in which india won asia cup

1988

1991

1995

2010

2016

#g. Find the final match hosted by 'Bangladesh'

```
B=df.loc[df['Host']=='Bangladesh',['Year','Final Venue','Winner']].tail(1)
```

```
print("The final match hosted by bangladesh is in \n",B.to_string(index=False))
```

Output:

The final match hosted by bangladesh is in

Year Final Venue Winner

2016 Mirpur India