```
# 1
import matplotlib.pyplot as plt
temp = [84.5, 90.2, 100]
date = ['12/11', '13/12', '14/01']
plt.plot(temp, date)
plt.title('Temperature vs Date')
plt.xlabel('Temperature')
plt.ylabel('Date')
plt.grid('True')
plt.show()

# 4
import matplotlib.pyplot as plt
import pandas as pd
data = pd.read_csv("resort.csv")
df = pd.DataFrame(data)
df.plot(kind="box")
plt.title("Compare Resorts")
plt.xlabel("Year")
plt.ylabel("Resort")
plt.show()

# 5
import numpy as np
import matplotlib.pyplot as plt
discount = np.array([10, 20, 30, 40, 50])
saleinRs = np.array([40000, 45000, 48000, 50000, 100000])
plt.scatter(x=discount, y=saleinRs)
plt.title("Discount vs Sales")
plt.xlabel("Discount")
plt.ylabel("Sales")
plt.show()

import numpy as np
import matplotlib.pyplot as plt
discount = np.array([10, 20, 30, 40, 50])
salesinRs = np.array([40000, 45000, 48000, 50000, 100000])
size = discount * 10
plt.scatter(x=discount, y=salesinRs, color = 'red', s = size, edgecolor = 'blue',
marker='*')
plt.title("Discount vs Sales")
plt.xlabel("Discount")
plt.ylabel("Sales")
plt.show()
```

```
# 2
import pandas as pd
import matplotlib.pyplot as plt
df = pd.read_csv("Mela_Sales.csv")
df.plot(kind='line', color=['red', 'blue', 'brown'])
plt.title("Mela Sales Report")
plt.ylabel("Sales in Rs")
plt.xlabel("Days")
plt.show()

import pandas as pd
import matplotlib.pyplot as plt
df = pd.read_csv("Mela_Sales.csv")
df.plot(kind='bar', x='Days', color=['red', 'blue', 'brown'])
plt.title("Mela Sales Report")
plt.xlabel("Days")
plt.ylabel("Sales in Rs")
plt.show()


# 3
import pandas as pd
import matplotlib.pyplot as plt
data = pd.read_csv("Min-Max.csv", usecols=["ANNUAL-MIN", "ANNUAL-MAX"])
df = plt.DataFrame(data)
df.plot(kind="hist", y="ANNUAL-MIN", title="Annual seasonal temperature",
color=['red', 'blue'])
plt.xlabel("Temperature")
plt.ylabel("Number of times")
plt.show()

import pandas as pd
import matplotlib.pyplot as plt
data = pd.read_csv("Min-Max.csv", usecols=["ANNUAL-MIN", "ANNUAL-MAX"])
df=pd.DataFrame(data)
df.plot(kind="hist", y="ANNUAL-MAX", title="ANNUAL seasonal temperature",
color=['blue', 'red'])
plt.xlabel("Temperature")
plt.ylabel("Number of times")
plt.show()
```