In [4]:
```
import numpy as np

employees = np.array([
    ("Aman", 45000),
    ("Axar", 52000),
    ("Akash", 48000),
    ("Dravid", 60000),
    ("Elon", 47000),
    ("Falguni", 49000),
    ("Gaurav", 51000)
], dtype=[('Name', 'U10'), ('Salary', 'i4')])  # 'U10' for string, 'i4' for integer

low_salary_employees = employees[employees['Salary'] < 50000]

print("Employees with Salary Less than 50000:")
for emp in low_salary_employees:
    print(f"Name: {emp['Name']}, Salary: {emp['Salary']}")
```

```
Employees with Salary Less than 50000:
Name: Aman, Salary: 45000
Name: Akash, Salary: 48000
Name: Elon, Salary: 47000
Name: Falguni, Salary: 49000
```

In [2]:
```
import numpy as np

temperatures = np.array([32.5, 34.2, 36.8, 29.3, 31.0, 38.7, 23.1, 18.5, 22.8, 37.2


hot_days = temperatures[temperatures > 35]
cold_days = temperatures[temperatures < 5]


print("\nHot Days (Temperature > 35°C):", hot_days)
print("Cold Days (Temperature < 5°C):", cold_days)
```

```
Hot Days (Temperature > 35°C): [36.8 38.7 37.2]
Cold Days (Temperature < 5°C): [  4.  -4. -12.]
```

In [3]:
```
import numpy as np

monthly_sales = np.array([120, 135, 148, 165, 180, 155, 168, 190, 205, 198, 210, 22

quarterly_sales = monthly_sales.reshape(4, 3)

print("\nQuarterly Sales Report:")
for i, quarter in enumerate(quarterly_sales, 1):
    print(f"Q{i}: {quarter}")
```

```
Quarterly Sales Report:
Q1: [120 135 148]
Q2: [165 180 155]
Q3: [168 190 205]
Q4: [198 210 225]
```

In [ ]: