# Pandas Basics - Exercises

## 1. Exercise 1: Create a Series and Access Values

1. Create a Pandas Series with values [5, 10, 15, 20].  
2. Print the second value using index.

## 2. Exercise 2: Create a DataFrame and Access Rows

1. Create a DataFrame with this data:  
  
data = {  
 "calories": [500, 300, 450],  
 "duration": [60, 30, 45]  
}  
  
2. Print only the second row using .loc[].

## 3. Exercise 3: Custom Indexing and Row Access

1. Create the same DataFrame above with custom row indexes: "day1", "day2", "day3".  
2. Print the row for "day3" using .loc[].

## 4. Exercise 4: Column Access and Filtering

1. From the same DataFrame, print only the calories column without showing index.  
2. Print all rows where duration is greater than 40.

## 5. Exercise 5: Modify the DataFrame

1. Add a new column named "Vitamin" with values [100, 200, 300].  
2. Delete the duration column.  
3. Print the final DataFrame.