

Exercise 1: Check if a number is even or odd.

```
# Get a number from the user
number = int(input("Please enter a number: "))
```

Exercise 2: Determine if a year is a leap year.

```
# Get a year from the user
year = int(input("Please enter a year: "))
```

Exercise 3: Calculate the maximum of three numbers.

```
# Get three numbers from the user
num1 = int(input("Enter the first number: "))
num2 = int(input("Enter the second number: "))
num3 = int(input("Enter the third number: "))
```

Exercise 4: Calculate the cost of a movie ticket based on age.

```
# Get the user's age
age = int(input("Please enter your age:"))

# Define ticket prices
child_price = 10
adult_price = 15
senior_price = 12
```

Exercise 5: Check if a number is positive, negative, or zero.

```
# Get a number from the user
number = float(input("Please enter a number:"))
```

Exercise 6: Determine the largest among three numbers using nested if statements.

```
# Get three numbers from the user
num1 = float(input("Enter the first number:"))
num2 = float(input("Enter the second number:"))
num3 = float(input("Enter the third number:"))
```

Exercise 7: Check if a character is a vowel or a consonant.

```
# Get a character from the user
char = input("Please enter a character:").lower()
```

Exercise 8: Create a simple calculator for addition, subtraction, multiplication, and division.

```
# Get user input for numbers and operation
num1 = float(input("Enter the first number: "))
num2 = float(input("Enter the second number: "))
operation = input("Enter the operation (+, -, *, /): ")
```