

Python Topics: Variables, Arithmetic Operations, Conditional Statements

1. **Check Even or Odd**

Take an integer input and print whether it's even or odd.

2. **Positive, Negative or Zero**

Write a program to check whether a number is positive, negative, or zero.

3. **Find the Greatest of Two Numbers**

Input two numbers and print the greater one (use if-else).

4. **Find the Greatest of Three Numbers**

Input three numbers and find the largest using if, elif, and else.

5. **Simple Calculator**

Take two numbers and an operator (+, -, *, /) as input and perform the operation.

6. **Check Leap Year**

Input a year and check if it's a leap year or not (use nested if).

7. **Grade Calculator**

Take a mark (0-100) as input and print the grade:

- 90+ → A
- 80–89 → B
- 70–79 → C
- 60–69 → D
- Below 60 → F

8. **Divisibility Check**

Input a number and check:

- If divisible by 3 and 5 → print "FizzBuzz"
- If divisible by 3 → print "Fizz"
- If divisible by 5 → print "Buzz"
- Else → print the number

9. **Simple Interest Calculator**

Input principal, rate, and time. Calculate and print simple interest using:

$$SI = (P \times R \times T) / 100$$

10. **Check for Triangle Validity**

Take three angles as input and check whether a triangle is possible or not.
(Sum of all angles must be 180)