

Python Conditional Statement Questions

Basic Level:

1. Write a program to check whether a number is positive or negative.
2. Take a number input and print if it is even or odd.
3. Check if a given year is a leap year.
4. Take user input and check if it's greater than 100.
5. Check if a character is a vowel or a consonant.

Intermediate Level:

1. Write a program to find the largest among three numbers.
2. Check if a number is divisible by both 3 and 5.
3. Take age as input and print eligibility for voting.
4. Check if a string is a palindrome.
5. Write a program to find the grade based on a given percentage.

Advanced Level:

1. Implement a nested conditional to categorize BMI (Underweight, Normal, Overweight, Obese).
2. Write a program to check triangle validity and type (Equilateral, Isosceles, Scalene).
3. Take marks of 5 subjects and print pass/fail with class (distinction, first, second).
4. Write a program to simulate a basic ATM withdrawal with balance check and limit.
5. Check if a year is a leap year using nested if-else logic (with century check).