**1. Write a program that takes three numbers as input and prints the largest among them.**

**2.Write a program to classify a person's body mass index (BMI) based on their weight and height. The classification is:**

Underweight: BMI < 18.5

Normal weight: 18.5 <= BMI < 24.9

Overweight: 24.9 <= BMI < 29.9

Obesity: BMI >= 30

**3.grade the student according to marks**

* above 90 (A+)
* 81 to 90 (A)
* 71 to 80 (B+)
* 61 to 70 (B)
* 51 to 60 (C)
* 41 to 50 (D)
* less than 40 (Fail)

**4. Write a program that determines if a person can participate in an athletic event based on their age and qualification levels. The criteria are:**

Age between 18 and 35 and a qualification level of "expert".

Age between 36 and 50 and a qualification level of "intermediate" or "expert".

Age above 50 and a qualification level of "beginner" or "intermediate" or "expert".

**5. Write a program to calculate the fee based on age and membership status. The fee structure is:**

Regular members get a 20% discount.

Senior citizens (age > 60) get a 30% discount.

Children (age < 12) get a 50% discount.

Otherwise, the full fee is charged.

**6. Write a program that determines if a triangle is valid and, if so, categorizes it as:**

Equilateral (All sides are equal)

` Isosceles (2 sides are equal)

Scalene (All sides are different)

Invalid (if the sides do not form a triangle): condition for triangle formation for given 3 sides(a,b,c) is sum of any 2 sides should be greater than 3rd side.

**7. Write a program that takes three numbers and print them in descending**

**8. Write a program that categorizes a given year as:**

Leap Year (divisible by 400 or divisible by 4 but not by 100)

Century Year (divisible by 100 but not by 400)

Common Year (all other years)

**9. Write a program that simulates a simple banking system where the user can:**

Check balance

Deposit money

Withdraw money

The program should validate the inputs and ensure sufficient balance for withdrawals.

**10. Write a program that calculates the income tax based on the following slabs:**

Income <= 10,000: No tax

10,001 <= Income <= 20,000: 10% tax

20,001 <= Income <= 50,000: 20% tax

Income > 50,000: 30% tax

**11. Write a program to check if a given time (in 24-hour format,in HH:MM) is in the morning (5 AM to 11:59 AM), afternoon (12 PM to 4:59 PM), evening (5 PM to 8:59 PM), or night (9 PM to 4:59 AM).**

**For more practice:**

<https://csiplearninghub.com/python-if-else-conditional-statement-practice/>

*Trainer: Pooja Singh*