

PROGRAMMING PROBLEM – SET 2

Question 1: - Input Ten Number and calculate their sum.

Question 2: - Write a program to calculate the volume of sphere.

Question 3: - Write a program to that takes hours and minutes as an input and calculate the total number of minutes.

Question 4: - Write a program that take s minutes as an input and display the total number of hours and minutes.

Question 5: - Write a program to find the third angle of a triangle if two angles are input through keyboard.

Question 6: - Ramesh's basic salary is input through the keyboard. His dearness allowance is 40% of basic salary, and house rent allowance is 20% of basic salary. Write a program to calculate to gross salary.

Question 7: - The distance between two cities (in km.) is input through the keyboard. Write a program to convert and print this distance in meters, feet, inches and centimetres.

Question 8: - If the marks obtained by a student in five different subjects are input through keyboard. Write a program to find out the aggregate marks and percentage marks obtained by the student. Assume that the maximum marks that can be obtained by a student in each subject is 150.

Question 9: - Temperature of a city in Fahrenheit degrees is input through keyboard. Write a program to convert this temperature into centigrade degrees.

Question 10: - The length and breadth of a rectangle and radius of a circle are input through keyboard. Write a program to calculate the area and perimeter of the rectangle, and the area and perimeter of the circle.

Question 11: - Two number are input through the keyboard into two variable C and D. Write a program to interchange the contents of C and D.

Question 12: - If five-digit number is input through the keyboard, write a program to calculate the sum of its digit. Hint: Use the modulus operator %.

Question 13: - If five-digit number is input through the keyboard, write a program to reverse the number.

Question 14: - If five-digit number is input through the keyboard, write a program to obtain the sum of the first and last digit of this number.

Question 15: - In a town, the percentage of men are 52. The percentage of total literacy is 48. If total percentage of literate men is 35 of the total population of men, write a program to find the total number of illiterate men and women if the population of town is 80000.

Question 16: - A cashier has currency notes of denomination 10, 50 and 100. If the amount to be withdrawn is input through the keyboard. Find the total number of currency notes of each denomination the cashier will have to give the withdrawer.

Question 17: - If the total selling price of 15 items and total profit earned on them is input through the keyboard, write a program to find the cost price of one item.

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Question 18: - If a five-digit number is input through the keyboard, write a program to print a new number by adding one to each of its digits. For example, if the number that is input is 12391, then, the output should be displayed as 23402.

Question 19: - Write a program which accept principle, rate and time from user and print the simple interest.

Question 20: - Write a program which accept days and convert this into years, weeks and days.

Question 21: - Write a program that accepts two item's weight and number of purchases and calculate the average value of items.

Question 22: - Write a program that accepts an employee's ID, total worked hours of a month and the amount he received per hour. Print the employee's ID and salary of a particular month.

Question 23: - Write a program to calculate a bike's average consumption from the given total distance travelled and spent fuel.

Question 24: - Write a program to read an amount and break the amount into smallest possible number of bank notes.

Question 25: - Write a program to convert a given integer into hours, minutes and seconds.