

1. Length and breadth of a rectangle are 5 and 7 respectively. Write a program to calculate the area and perimeter of the rectangle.
  2. Write a program to input the value of the radius of a circle from keyboard and then calculate its perimeter and area.
  3. Write a program to enter a 4 digit number from keyboard. Add 8 to the number and then divide it by 3. Now, the modulus of that number is taken with 5 and then multiply the resultant value by 5. Display the final result.
  4. Enter two numbers from keyboard. Write a program to check if the two numbers are equal.
  5. Write a program to enter the values of two variables 'a' and 'b' from keyboard and then check if both the conditions 'a < 50' and 'a < b' are true.
  6. Now solve the above question to check if atleast one of the conditions 'a < 50' and 'a < b' is true.
  7. If the marks of Robert in three subjects are 78,45 and 62 respectively (each out of 100 ), write a program to calculate his total marks and percentage marks.
  8. Write a program to enter the values of two variables from the keyboard and then interchange the values of the two variables. E.g.-If entered value of x is 5 and y is 10 then  
`printf("%d %d",x,y )`  
should print 10 5.
  9. Take input of some length in meter and covert it to feet and inches.
  10. Write a program to convert Fahrenheit into Celsius.
  11. The total number of students in a class are 45 out of which 25 are boys. If 80% of the total students secured grade 'A' out of which 15 are boys, then write a program to calculate the total number of girls getting grade 'A'.
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12. Write a program to calculate the sum of the first and the second last digit of a 5 digit number entered from the keyboard.
  13. Suppose you entered a 4 digit number. Write a program to display a number whose digits are 2 greater than the corresponding digits of the entered number.  
For example, if he entered number is 5696, then the displayed number should be 7818.
  14. Write a program to calculate the sum of the digits of a 3-digit number which is entered from keyboard. E.g.-  
INPUT : 132      OUTPUT : 6
  15. Write a program to reverse a 3-digit number which is entered from keyboard. E.g.-  
INPUT : 132      OUTPUT : 231