

Simple Programs

Q1. Write a program that asks the user to type 5 integers and writes the average of the 5 integers.

Q2. Write a program that asks the user to accept amount and discount from the user then display the paid amount.

Q3. Accept two entry and then display arithmetic operation (+, -, *, /, %).

Q4. Accept the values in meter then display in inches and centimeters.

HINT:

$$1\text{m} = 39.370079 \text{ inches}$$

$$1 \text{ meter (m)} = 100 \text{ centimeters (cm)}$$

Q5. Accept the values in GB and display the value in bytes.

Q6. Write a program that asks the user to type the width and the length of a rectangle and then outputs to the screen the area and the perimeter of that rectangle

HINT:

$$\text{Area} = \text{width} * \text{length}$$

$$\text{Perimeter} = 2 * (\text{width} + \text{length})$$

Q7. Write a program which accept temperature in Fahrenheit and print it in centigrade

HINT:

$$5 * (F - 32) / 9$$

Q8. Write a program which accepts a character and display its next character.

Q9. Write a program to swap the values of two variables

Q10. Write a program to swap value of two variables without using third variable

Q12. Write a program which accepts days as integer and display total number of years, months and days in it.

For example: If user input as 856 days the output should be 2 years 4 months 6 days.

Q13. Accept 5 digits no from the user then display following option.

$$\text{No} = 12345$$

$$\text{Result} = 15$$

$$h = f \% 10;$$

Q14. Write a program to swap the values of two variables.

Q15 Assuming there are 7.481 gallons in a cubic foot, write a program that asks the user to enter a number of gallons, and then display the equivalent in cubic feet.

Q16. Write a program to calculate the radius of circle. ($\text{radius} = \pi r^2$, $\pi = 3.14$)