

APPRENTICESHIP

SET 3 – C Programming Language

(Basic Programs)

1. Write a Program to convert number of items into Dozens and remaining units.
2. Write a program which takes the number of seconds as input & convert it into hours, minutes and seconds.
3. Write a program which takes the number of days as input & convert it into years, months, weeks, & days (hint: consider 365 days for a year, 30 days for a month).
4. Write a program which takes number of millimeter and converts them into meters, feet, inches, centimeter and then millimeter.
5. Write a program to solve this equation

$$(m+n)^{(x+y+z)}$$

6. Write a program to solve this equation

$$\left(\frac{(a+b)}{(x+y)} \right)^{\frac{1}{(x+y)}}$$

7. Write a program to solve this equation

$$\left(\frac{1}{(a+b+c)} \right)^{\frac{1}{(x+y)}}$$

8. Write a program to solve this equation

$$\frac{(\sqrt{m+n+p})^{(x+y)}}{\left(\frac{(a+b+c)}{(m+n)}\right)}$$

9. Write a program to solve this equation

$$|c| + \sqrt{A^2 + B^3}$$

10. Write a program to solve this equation

$$\frac{(x+y)^{(m*n)}}{\left(\sqrt{2+8*a}\right) \times (|T| * |K|)}$$
