WEEK 3 Problem Statements

P1:

1. Write a C program to find the sum of last digit in given numbers.
2. A batsman scored 110 runs which included 3 boundaries and 8 sixes. What percent of his total score did he make by running between the wickets? Write a C program.
3. Write a C program for the following logical expression and print the results

i++&&j++&&k++||l++

### Write a C program to multiply given number by 4 using bitwise operators

P2:

1. Write a C program to find the area of a scalene triangle

area = (s1 \* s2 \* sin((3.14/ 180) \* angle)) / 2;

1. Write a C program to Find the output of the following expression

5||2|1

1. Write a C program for the following expression and print the results

x+=(x++)+(++x)+x

1. In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was? Write a C program

P3:

1. Write a C program to find real and unequal roots of a quadratic equation ax2+bx+c=0
2. Write a C program to print super market bill.

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Item price

Sugar 40

Papers 100

Total 140

1. Write a C program to evaluate the following expression and print the results

x=(20 || 40 ) && (10)

1. Write a C program to find the result of the following expression

E=sqrt((2\*d)/h)

P4:

1. Write a a C Program to evaluate the following expression and print the results

a+b\*a+10/2\*a

1. Write a C program for the following expression and print the results
2. Write a C program to find real and equal roots of a quadratic equation ax2+bx+c=0
3. Write a C program to find the result of the following expression

Torque=((2m1m2)/(m1+m2))\*g

P5:

1. Write a C program to find imaginary roots of a quadratic equation ax2+bx+c=0
2. Write a C to print the return value of a printf() with text and integer value and float values.
3. Write a C program to swap two numbers with bitwise operators.
4. Write a C program to print to find the subtraction last two digits of given integer