**Simple problems**

1. Program to find simple Interest
2. Program to convert temperature from degree centigrade to Fahrenheit
3. Program to calculate sum of 5 subject and find percentage
4. Program to swap two number without using 3rd variable
5. Program that takes height and base length of a triangle from user and prints its area
6. Program that takes angle and radius of sector as input and prints its circumference.

**Conditions**

1. Write a program that checks that the number is zero or not.
2. Write a program that calculates the sum of the two numbers if the first number is greater than second, otherwise subtract the two numbers.
3. Program to find that the year entered by user is leap year or not.
4. Program to find greatest of 3 numbers.
5. Program to find gross salary according to formula

GS=BS+TA+DA+HRA

Where TA, DA, HRA is calculated according to given conditions

|  |  |  |
| --- | --- | --- |
|  | BS>10000 | BS<=10000 |
| TA | 30% of BS | 20% of BS |
| DA | 90% of BS | 70% of BS |
| HRA | 60% of BS | 40% of BS |