1)

John’s basic salary is input through the key board. His dearness allowance is 40% of his basic salary and house rent allowance is 20% of basic salary. Write a Python program to calculate his Gross salary.

Formula: Gross\_salary = basic\_salary + Dearness\_Allowance + House\_rent\_allowance

(2)

If the marks obtained by the student in 5 different subjects are input through the keyboard. Write a Python - Program to find out the aggregate marks and percentage marks obtained by the student. Assume that, maximum marks that can be obtained by student in each subject is 100.

(3)

The length and breadth of a rectangle as well as radius of circle is input through the key board. Write a Python program to calculate the area and perimeter of the rectangle, and the area of circle.

(4)

Two numbers are input through the key board into 2 locations A and B. Write a Python program to interchange the contents of A and B

Example:

Input from key board A = 10 ; B = 25

output on the monitor A = 25 ; B = 10

HINT: use third variable tempp.

(5)

A five digit number is input through the keyboard. Write a Python program to calculate the sum of its digits.

Example: input ===> 12345

output ===> 15 which is sum of 1+2+3+4+5

(6)

A five digit number is input through the keyboard. Write a Python program to reverse the number.

Example: input ==> 12345

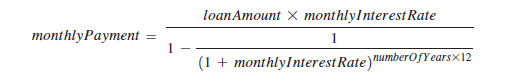
output ==> 54321

(7) A four digit number is input through the keyboard. Write a Python program to obtain the sum of first and last digits of this number.

Example: input ==> 4567

output ==> 11 ==> which is the sum first digit 7 and last digit 4.

(8) Formula to calculate Monthly installment on a Loan.



Write a program to calculate equal monthly installments using above formula.

Input Loan amount, monthly interest rate, and number of years through the key board.

(9)



(10)





(11)

