

FirstBitSolutions

Python Assignment -1 (Basics)

1. Write a program to calculate the percentage of student based on marks of any 5 subjects.
2. Write a program to calculate area of rectangle based on length and breadth.
3. If area of room is 144 sq m. Then how many tiles of size 12*12 sq cm will be required to cover the flooring of room.
4. If there are 20 students who like football, 30 students like badminton and 10 like both. There are 20 who are not interested in any of the games. How many total number of students are there?
5. Convert the time entered in hh,min and sec into seconds.
6. Convert temp from Celsius to Fahrenheit. $(C/5 = (F-32)/9)$
7. Convert distant given in feet and inches into meter and centimeter.
8. WAP to calculate area of triangle and rectangle
9. WAP to calculate selling price of book based on cost price and discount.
10. WAP to calculate total salary of employee based on basic, da=10% of basic, ta=12% of basic, hra=15% of basic.
11. Find the sum of three digit number.
12. Assign two number and swap it using third variable.
13. Assign two number and swap it without using third variable.
14. Write a program to reverse three digit number.
15. Write a program to accept an integer amount from user and tell minimum number of notes needed for representing that amount.
(Hint – Consider 450 -> $4*100 + 50*1$ -> 2 : 5 notes)