Programs using Input – Output & Assignment Statements

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| **S.No** | **Questions** |
|  | XYZ Company pays salary to their employees once in 15 days. Find the monthly salary of an employee. |
|  | Glass A contains Pepsi and Glass B contains 7Up. Suggest a way to exchange the contents of glass A & B. |
|  | Your summer surveying job requires you to study some maps that give distances in kilometers and some that use miles. You and your coworkers prefer to deal in metric measurements. Write a program that performs the necessary conversion. |
|  | Your local bank has many customers who often visit the branch to perform FOREX exchange. A customer can bring any coins (quarters, dimes, nickels, pennies and US dollars) of any numbers. Calculate the value of money in terms of rupees for each customer. |
|  | Rahul is charged with a total simple interest of Rs. 4016.25 at the rate of 9 % per annum for 5 years. What is the Original amount he has borrowed from the bank? |
|  | A cylindrical cake oven with 20 cm as diameter and 10 cm as depth is given to the baker. How much of flour is needed for the baker to prepare the cake batter. |

1 km = 0.621371 miles

1 miles = 1.60934 kms

100cents = 1 dollar

Penny 1 cent

Nickel = 5 cent

Dime = 10 cent

Quarter = 25cent

Half dollar =50 cent

1 dollar = 63.55 rupees

Simple interest = PRT/100

P =100 \*S.I/R\*T

*V* =*πr*2*h*

*Diameter=2r*