An employee gets paid every two weeks and earns $1700.00 per pay period – the employee gets paid 26 times per year. Design, write, and test a program that defines these variables:

payAmount – holds the amount of pay the employee earns each pay period – initialized to 1700.00

payPeriods – holds the number of pay periods in a year – initialize to 26

annualPay – holds the employee’s total annual pay – a calculated value

The program computes the employee’s total annual pay and stores the result in the variable annualPay. Display total annual pay.

Pseudocode

START

INITIALIZE constant for payamount, payPeriods, twoWeeks and annualPay

DECLARE the days in two weeks so the amount paid in that time can be computed.

CALCULATE the amount earned in two weeks by fortnight= twoWeeks\* fortnight

CALCULATE the annual pay earned using annualPay= payPeriods\*fortnight

DISPLAY annual pay.

END

// Payperiod.cpp : This file contains the 'main' function. Program execution begins and ends there.

// This progarm is to calculate the annualPay for an employee and display it

#include <iostream>

using namespace std;

int main()

{

// Initializing const for payPeriod and payAmount

const int payPeriod = 26;

const int payAmount = 1700;

// Calculating the annualPay of the employee

int annualPay;

annualPay = payPeriod \* payAmount;

cout << "The annual pay is: " << endl;

cout << annualPay;

return 0;

}