Question 1

A local computer company has 4 categories of employees: Executive, managers, clerks and maintenance workers.

- Executives are paid twice as much as clerks
- Managers are paid 25% more than clerks and
- Maintenance workers are paid half the salary of managers

Assume the variables salaryC, salaryE, salaryM and salaryW contain the salary amount for the executives, managers, clerks and maintenance workers respectively. Write a program that will calculate the salary each category of worker makes per week and the total amount of money spent on salaries weekly.

Your program should do the following:

- Allow the user to input the number of workers in each of the four categories
- Calculate the salary of each category of employee and the total salary paid
- Input the amount paid to a clerk

Question 2

Consider the following pseudocode:

> Initialize variables S, sides, length, cost
>
> S = 2
>
> cost = 20.5
>
> Output "Enter length"
>
> Input length
>
> Price = cost * length * 10 * S
>
> Output "The cost is, cost"

Write the corresponding source code for the pseudocode

Question 3

The following are some of the ingredients used in making a 1-2-3-4 pound cake.

> 1 cup butter
>
> 2 cups sugar
>
> 3 cups cake flour
>
> 4 eggs

The recipe uses the principle that for every unit of butter used, two units of sugar, three units of flour and four "units" of eggs are added to complete the mixture

Write a program that

- Accepts the value of the amount of butter to be used
- Calculates and displays the amount of sugar, cake flour and eggs, using the value entered for butter.