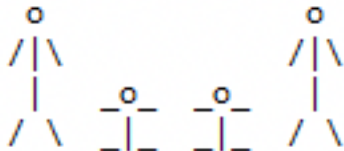


# Assignment 1:

In this short programming assignment, you will learn about print statements, variables and arithmetic expressions. You will be writing two programs named Family and Kitchen.

## 1. Family

Write a program Family that outputs the following



## 2. Kitchen

Write a program Kitchen that does the following. James wants to tile the floor of his kitchen. The floor is rectangular.

Declare a variable named "length" of type int with initial value 10. This variable represents the length (measurement in feet) of the kitchen.

Declare a variable named "breadth" of type int with initial value 5. This variable represents the breadth (measurement in feet) of the kitchen.

Declare a variable "costPerSqInch" of type double value 1.2. This value represents the cost to tile 1 square inch.

Declare a variable named "totalCost" (representing the total amount to tile the kitchen). Think about what data type this variable should be.

Then figure out the arithmetic expression which calculates the total cost to tile the kitchen and assign it to variable "totalCost". The expression should include variables "length", "breadth", and "costPerSqInch".

Output the sentence "The total cost to tile the kitchen is " followed by the value of totalCost.