

# Tasks

1. Write a program that asks the user for his/her name and age. Write out a message informing the person its age in months.
2. Write a program that prompts the user to enter two integers. Your program should determine the smaller, larger, sum, difference, product and ratio of these values and report them to the user.
3. Write a program that prompts the user to enter some number of 1-cent coins, 5 cent-coins, 10-cents coins, 25-cent coins and one-real (or dollar) coins. Query the user separately for the number of each size coin, e.g. "How many 1-cent coins do your have?". Then your program should print out something like this:  
You have 23 1-cent coins.  
You have 4 25-cent coins.  
You have 3 1-real coins.  
The value of all your coins is 523 cents.  
Also, report the sum in reais and vent, i.e, R\$5.23 reais.
4. Write a program to play a number guessing game. The user thinks of a number between 1 and 100 and your program asks questions to figure out what the number is (e.g. "Is the number you are thinking of less that 50?"). Your program should be able to identify the number after asking no more that seven questions.
5. Write a program to find all the prime numbers between 1 and 100. One way to do it: store all numbers between 1 and 100, and cross out those that can not be primes because they are multiples of at least a previous prime found. Remember that 1, 2 and 3 are primes, start with them.