

1. Write a program that will ask the user to enter their age. The program will tell them whether or not they qualify for an old aged pension. To qualify for a pension, you must be at least 65 years old.
2. Write a program that will read two numbers from the user and that will determine whether or not the first number is a multiple of the second. (ie the second is a factor of the first).
(Hint – use the % operator)
3. Write a program that will find the positive difference between two numbers. (i.e. Ensure that the smaller number is subtracted from the bigger number).
4. Write a program that will ask the user to enter their credit limit and their purchases to date. If they have exceeded their credit limit they should be charged an extra 10%. If they are still in credit they get a discount of 15%.
5. Write a program that will ask the user to enter the height and width of a 2d shape. The program will then tell the user whether or not the shape is a square.
6. Write a program that will ask the user to enter a number and will display a message to say whether it is an even number or an odd number. (Use an if/else).