C review questions

1. Write a C function to find a product of two numbers and use it to find a product of two numbers entered by a user.
2. Write a C function to find volume of a sphere and use it to find a volume of sphere after a user is prompted to enter a radius of that sphere.
3. Write a C function that change Celsius degree to Fahrenheit and use it in a program whereby a user enters a Celsius value to be changed to Fahrenheit.
4. Write a program that accepts a number and sends it into a function named MATH. Let MATH multiply that number by three and return the result to main. Print that result in main.
5. Write a program that accepts a number and sends it into a function named TRES. Let TRES multiply that number by three and return the result to main. Print that result in main.
6. Write a program with two functions; the first one is the main(). This will prompt the user to input radius of a sphere and the second one, myvol(), will calculate the volume of a sphere and return a value to main() that will print the result.
7. Write a program that reads two “floating” point numbers representing the radius and height of a cylinder. Declare two functions that calculate the area and volume of a cylinder and let the program print out the area and volume for the given dimensions.
8. Write a program in C that prints out the larger of two numbers entered from the keyboard. Use a function to do the actual comparison of the two numbers. Pass the two numbers to the function as arguments, and have the function return the answer.
9. Write a C program that calls a function which returns a cube of a given number.
10. Write a C function isprime(num) that accepts an integer argument and returns 1 if the argument is prime, a 0 otherwise. Write a C program that invokes this function to generate prime numbers between the given ranges.
11. Write a program in C to find the square of any number using the function.
12. Write a program in C to swap two numbers using function.
13. Write a program in C to check a given number is even or odd using the function.
14. Write a program in C to check whether a number is a prime number or not using the function.