

Sample Problem 5

The purpose of these practice problems is to apply what the student has learned as well as to aid in retention. **This is not for a grade!** However, if the student completes all the sample problems, the student will be able to turn all sample problems in for extra credit worth 50 points at the end of the course.

1 User Functions

Create a function that ties into a main program. Have the main program be titled as ExampleProgram6_User_Functions.m and the function it is calling Program6_Function.m. In the function set z to $x + 12$ and require that it has an input of x . In the main program call the function and pass 6 into the function (this means $x=6$ to the function program) and set it equal to R . Now have the main program display R . To see the full benefit of user defined functions change x to 12 and run the program, then 24.