

HW 8 – Sys.argv

- Objectives
 - Use and process command-line arguments
 - Practice working with lists, conditionals, variables
 - Learn about refactoring
- Refactor HW3 – each previous file now becomes a function in the conversions.py file:
 - Create these refactored files – they accept the number to convert and return the result of the conversion formula
 - to_celsius(p_fahrenheit)
 - to_fahrenheit(p_celsius)
 - to_cm(p_in)
 - to_inches(p_cm)
 - print_args(): You will create a function named print_args() that just prints all of the command-line arguments passed to the program, one argument per line
 - process_args(p_args): This new function will process command-line arguments – it will be called by the 'main' section "if __name__ == "__main__" :
 - s – calls to_celsius, passing the next command-line argument, prints the result of the call
 - f – calls to_fahrenheit, passing the next command-line argument, prints the result of the call
 - c -- calls to_cm, passing the next command-line argument, prints the result of the call
 - i – calls to_inches, passing the next command-line argument, prints the result of the call
 - p – calls print_args()
 - if NO command-line arguments were passed, you will ask the user which conversion utility they wish to run and then run it
 - main section
 - As mentioned above, the main section will call process_args(sys.argv)
- Turn in
 - conversions.py