

For each program include a code listing and a sample run.

- 1) Write a program that prompts the user for a positive integer and then prints all the multiples of 5 that do not exceed the entered number. Format your output in an easily read manner.
- 2) Write a program that prompts the user for a voltage and a resistance. If the power dissipated by the resistance exceeds 0.25 Watts the program should print an error message and require the user to enter new values. Once the power is no more than 0.25 Watts the program should print the calculated power.
- 3) Write a program that prompts the user for a positive integer and then displays all of the factors of that integer.