1 (Convert feet into meters) Write a program that reads a number in feet, converts it to meters, and displays the result. One foot is 0.305 meter.

Here is a sample run:

Enter a value for feet: 16.5

16.5 feet is 5.0325 meters

2. (Convert pounds into kilograms) Write a program that converts pounds into kilograms. The program prompts the user to enter a number in pounds, converts it to kilograms, and displays the result. One pound is 0.454 kilograms.

Here is a sample run:

Enter a number in pounds: 55.5

55.5 pounds is 25.197 kilograms

3. (Sum the digits in an integer) Write a program that reads an integer between 0 and 1000 and adds all the digits in the integer. For example, if an integer is 932, the sum of all its digits is 14. Hint: Use the % operator to extract digits, and use the / operator to remove the extracted digit. For instance, 932 % 10 = 2 and 932 / 10 = 93.

Here is a sample run:

Enter a number between 0 and 1000: 999

The sum of the digits is 27

4. (Find the number of years) Write a program that prompts the user to enter the minutes (e.g., 1 billion), and displays the number of years and days for the minutes. For simplicity, assume a year has 365 days. Here is a sample run:

Enter the number of minutes: 1000000000

1000000000 minutes is approximately 1902 years and 214 days