1. Write a program that computes the volume of a sphere. The program should ask the user for its radius and print out the volume to the screen.

(1)
$$V = \frac{4}{3}\pi r^3$$

- 1. Write a program that asks the user for an ASCII-code, that is, an integer between 0 and 127, and prints the corresponding character.
- 2. Write a program where you use two integer type variables, say k and n, ask for their values from the user, then do the following calculations and print the results to the screen
 - (a) k*n (b) k+n (c) k/n (d) k%n
- 3. What do the following programs print to the screen? First think about the solution in your head, then try writing the programs!

4. *Extra*: Try to write a program that asks a lowercase letter from the user and displays the corresponding uppercase letter. *Hint*: add a properly chosen number to the code given by the user, you can use the ASCIIcode table in the end of the lecture notes.