In each exercise make your source code and output readable.

Exercise 1. Assuming that ocean levels are currently increasing by an average of 1.5 millimetres per year, write a program to display a table showing by how many millimetres the water level will rise over the next 25 years.
MODIFICATION. Number of years should be given by the user, do not accept values less than 1.

Exercise 2. When you run on a treadmill, you burn 3.6 calories per minute. Write a program to display the number of calories burned after 5, 10, 15, 20, 25 and 30 minutes.
MODIFICATION. Number of calories burned per minute should be given by the user, do not accept values less than 1.

Exercise 3. Membership in the club requires a fee of 2500 PLN. It is announced that this fee will increase by 4% per year over the next 6 years. Write a program that displays the amount of expected fees for the next 6 years.
MODIFICATION. The percentage increase in fees should be given by the user, do not accept values less or equal than 0% or greater than 10%.

Exercise 4. Write a program that prints out the multiplication table up to 9 for the number n. The value of n is given by the user.
MODIFICATION. Write a program that prints out the multiplication table up to m for the number n. The values of n and m are given by the user.

Exercise 5. Write a program that computes and prints out the sum of the initial n odd positive integral numbers. The number n must be given by the user. For n=5, the initial 5 odd positive integral numbers are 1 3 5 7 9 and the sum of 1 3 5 7 9 equals 25.

Exercise 6. Write a program that will print the following patterns
for n=4

(a)

```
****
****
****
****
```

(b)

```
*
**
***
****
```

(c)

```
   *
  **
 ***
****
```

(d)

```
   *
  ***
 *****
*******
```

Exercise 7. Write a program that computes the sum of the initial n positive integers numbers ending with the digit 1, 2 or 7. The value of n is given by the user. For n=6, the initial 6 odd positive integral numbers ending with the digit 1, 2 or 7 are 1 2 7 11 12 17 and the sum of 1 2 7 11 12 17 equals 50.