Name:

> Read carefully the problem, then identify the important parts, make a **model**, and a **flow chart**. Remember to describe all the passages that brings you to give a certain answer (why a certain value is an input, where you found information on the data type, why you made a certain choice, etc. . .).

The owner of a clothes shop wants to apply a discount, during a sale, based on the total cost of the goods that the client buy. The applied discount must be:

- 0% if the total amount is less than 10€;

- 10% if the total amount is between 10€ and 50€;

- 25% if the total amount is more than 50€.

Make a program that, given the total amount of the sold items, returns the final price with the possible discount applied.

Tip   Remember that, in flow charts, selections have only a binary condition inside and two exits.