

```
----- SUPERMARKET -----
Box: Supermarket, Height: 302, Width: 50, Length: 30
Box: Electronics, Height: 142, Width: 50, Length: 30
  Box: Computers, Height: 57, Width: 50, Length: 5
    Product: Mouse, Height: 4, Width: 5, Length: 5
    Product: Keyboard, Height: 2, Width: 12, Length: 5
    Product: Monitor, Height: 50, Width: 50, Length: 5
    Product: Processor, Height: 1, Width: 2, Length: 2

  Box: Laptops, Height: 85, Width: 30, Length: 30
    Product: Azuz TUK 505D1, Height: 20, Width: 25, Length: 20
    Product: Abbple MacBook maxi, Height: 25, Width: 30, Length: 30
    Product: Kiki, Height: 18, Width: 25, Length: 20
    Product: GL lg, Height: 22, Width: 27, Length: 21

Box: Products, Height: 160, Width: 10, Length: 5
Box: Coffeteria, Height: 100, Width: 10, Length: 4
  Product: Kava-Robusta, Height: 20, Width: 8, Length: 4
  Product: Arabica, Height: 10, Width: 4, Length: 4
  Product: Coffee La more, Height: 20, Width: 8, Length: 4
  Product: Intella kava, Height: 30, Width: 10, Length: 4
  Product: Java'bs, Height: 20, Width: 8, Length: 4

Box: Goods, Height: 60, Width: 5, Length: 5
  Product: Bread Ahtirka, Height: 3, Width: 5, Length: 5
  Product: Ice Cream - Limi, Height: 9, Width: 5, Length: 5
  Product: Ice Verden - Limi, Height: 12, Width: 5, Length: 5
  Product: Shake, Height: 9, Width: 4, Length: 4
  Product: Butter, Height: 3, Width: 5, Length: 3
  Product: DelAlcohol, Height: 9, Width: 5, Length: 5
  Product: Vine, Height: 15, Width: 4, Length: 4
----- SUPERMARKET -----
```

Рисунок 1 — Виклик методу *RunExample* (Запустити приклад)

```

Please enter a shop structure
e.g Mall_Name>Subsection>product1(2 3 4), keyboard(2 10 6)
-> SUPERMARKET>Computers>PC>mouse(4 2 2), monitor(50 50 3), keyboard(2 20 5)^Products>Kitchen>bread
(3 5 5), butter(2 4 8)^Drinks>cola(12 3 3),water(10 4 3),beer(9 3 3)^Bathroom>Mirrors>Vella(90 40 1
0), Mirrora(120 60 10)^Dressing>toilet(60 20 40)
----- SUPERMARKET -----
Box: SUPERMARKET, Height: 302, Width: 60, Length: 10
Box: Computers, Height: 56, Width: 50, Length: 5
Box: PC, Height: 56, Width: 50, Length: 5
Product: mouse, Height: 4, Width: 2, Length: 2
Product: monitor, Height: 50, Width: 50, Length: 3
Product: keyboard, Height: 2, Width: 20, Length: 5

Box: Products, Height: 36, Width: 5, Length: 8
Box: Kitchen, Height: 5, Width: 5, Length: 8
Product: bread, Height: 3, Width: 5, Length: 5
Product: butter, Height: 2, Width: 4, Length: 8

Box: Drinks, Height: 31, Width: 4, Length: 3
Product: cola, Height: 12, Width: 3, Length: 3
Product: water, Height: 10, Width: 4, Length: 3
Product: beer, Height: 9, Width: 3, Length: 3

Box: Bathroom, Height: 270, Width: 60, Length: 40
Box: Mirrors, Height: 210, Width: 60, Length: 10
Product: Vella, Height: 90, Width: 40, Length: 10
Product: Mirrora, Height: 120, Width: 60, Length: 10

Box: Dressing, Height: 60, Width: 20, Length: 40
Product: toilet, Height: 60, Width: 20, Length: 40
----- SUPERMARKET -----

```

Рисунок 2 — Створення структури магазину користувацьким вводом

```
Enter a path/s to the products (coma separated): cola, water, Vella, mouse
Path to cola
SUPERMARKET
  |>Products
    |>Drinks
      |>Product: cola, Height: 12, Width: 3, Length: 3

Path to water
SUPERMARKET
  |>Products
    |>Drinks
      |>Product: water, Height: 10, Width: 4, Length: 3

Path to Vella
SUPERMARKET
  |>Bathroom
    |>Mirrors
      |>Product: Vella, Height: 90, Width: 40, Length: 10

Path to mouse
SUPERMARKET
  |>Computers
    |>PC
      |>Product: mouse, Height: 4, Width: 2, Length: 2
```

Рисунок 3 — Пошук товарів