=============================== Feb, 21, 2021 ===============================

Create new project

Sales

classes:

SalesMan/Seller

Name

Age

Product

Name

Price

Sale

Product

Seller

Comments

Create at least 3 objects/instances out of each class

Calculate sales total amount

E.G.

v1 = 500

v2 = 300

v3 = 150

Sales total amount: 950

Constraints:

1. Individual

2. Deadline: Feb 19. 24:00 PM

3. New gitHub project "sales-system"

=============================== Mar, 02, 2021 ===============================

New requirements for the Sales systems

Sales systems reports:

1. Who's the seller (sales man name), who has sold the cheapest product.

2. Products price average.

3. How many unit of the product has been sold.

4. What's the most expensive product.

Constraints:

1. Individual

2. A new Github project must be created, named: "sales-system-2"

3. Application working screenshots must be attached. A single screenshot for any new requirement.

4. Arrays must be applied to code the solution.

=============================== Mar, 23, 2021 ===============================

Create a new project in GitHub named: "recursion-practice"

The following exercises should be solved:

1. Write a program in C# to calculate the sum of numbers from 1 to n using recursion. Go to the editor

Test Data :

Input the last number of the range starting from 1 : 5

Expected Output :

The sum of numbers from 1 to 5 :

15

2. Write a program in C# to find the sum of digits of a number using recursion. Go to the editor

Test Data :

Input any number to find sum of digits: 25

Expected Output :

The Sum of digits of 25 = 7

3. Write a program in C to check a number is a prime number or not using recursion. Go to the editor

Test Data :

Input any positive number : 7

Expected Output :

The number 7 is a prime number.

4. Spiderman is capable to jump one or two buildings

0 | | | |

Spiderman b1 b2 b3 b4

Spider could jump to b1, or b2. Once Spiderman has jumped to the b2, he could jump to the b3 or b4 buildings.

Spiderman is always able to jump 1 or 2 buildings.

How many ways has Spiderman to go up n buildings.

(e.g.)

input

n = 3

0 | | |

Spiderman b1 b2 b3

output

way 1 (b1, b3)

way 2 (b1, b2, b3)

way 3 (b2, b3)

Answer: 3 ways.

Constraints:

1. These exercises must be solved individually.