



Tasks

Task1. Create a folder with name Of **Objects**.

Inside Object folder create Calculator class with public methods

1. Int Add(int a, int b);
2. Int Subtract (int a, int b);
3. Int Multiply (int a, int b);
4. Int Division (int a, int b);

Task2. Create a User class with auto properties:

1. Username
2. Password

Methods:

1. **void Introduce();** - should print *"I am [Username]"*
2. **void Login(string username, string password);** - should check if username matches the Username property and password matches the Password property, if they match print *"Welcome"* otherwise print *"Wrong password"*.

Task3. Create a class of Person Fill it with properties and methods of a person.

Person
Name: string Age: string Height: float Weight: byte
Walk: () Talk: () Eat: () Sleep: ()



Task4. Create a Math class with

1. public methods

- a. `double Abs(double value);`
- b. `float Abs(float value);`
- c. `short Abs(short value);`
- d. `int Abs(int value);`
- e. `double Pow(double x, double y);`
- f. `double Sqrt(double d);`
- g. `int Max(int val1, int val2);`
- h. `int Min(int val1, int val2);`

2. public const fields

- a. `double PI = 3.14;`
- b. `double E = 2.71;`