

The **Person** class has the following attributes: `PersonId`, `firstName`, `lastName`, `favoriteColour`, `age` and `IsWorking`

Methods: `DisplayPersonInfo()`, `ChangeFavoriteColour()`, `GetAgeInTenYears()` and `ToString()`

The **Relation** class has the following attribute: `RelationshipType`

Method: `ShowRelationship(person1, person2)`

MainClass contains the **Main** method.

Functionality :

- Display information about specific persons.
- Change the favorite color of a person.
- Display a person's age after ten years.
- Establish relationships between persons using the **Relation** class.
- Calculate and display average age, youngest, and oldest person in the list.
- Display information about persons whose first names start with 'M'.

OUTPUT

2: Gina James's favorite colour is Green

PersonId: 3

FirstName: Mike

LastName: Briscoe

FavouriteColour: Blue

Age: 45

IsWorking: True

1: IanBrooks's favorite colour is White

MaryBeals's age in 10 years is 38

Relationship between Gina and Mary is: Sisterhood

Relationship between Ian and Mike is: Brotherhood

Person who likes the blue colour:

PersonId: 3

FirstName: Mike

LastName: Briscoe

FavouriteColour: Blue

Age: 45

IsWorking: True

PersonId: 3

FirstName: Mike

LastName: Briscoe

FavouriteColour: Blue

Age: 45

IsWorking: True

PersonId: 4

FirstName: Mary

LastName: Beals

FavouriteColour: Yellow

Age: 28

IsWorking: True

Average age is: 30.25

The youngest person is: Gina

The oldest person is: Mike

C:\Users\supre\Downloads\Task1\lab1\bin\Debug\net8.0\lab1.exe (process 31120) exited with code 0.

To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.

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