**Note:**

**1) Make a copy of provided colab link for each question**

**2) Write your code & execute with the output cell in the colab or notebook**

**3) Share the final submission through  colab link or ipynb file**

**4) Please name your submissions by your name**

**COLAB LINK:**<https://drive.google.com/file/d/12VZZ3AbV4MVCAFRk6JludMYNZkgzdNHH/view?usp=drive_link>

**1. Write a python program to perform arithmetic operations using multiple inheritance.**

**Constraints:**

**a. Create four different classes named addition, subtraction, multiplication, floor division and division**

**b. Create four different functions, one in each class which returns values of arithmetic operations**

**c. The last class division should inherit all the above classes**

**d. Create an object of class division**

**e. Call all the functions using the above created instance**

**Concepts to be Used: oops, functions**

**Sample Input:**

**Enter a number:10**

**Enter a number:20**

**Sample Output:**

**The addition of two numbers:  30**

**The subtraction of two numbers:  200**

**The multiplication of two numbers:  200**

**The remainder of two numbers:  10**

**The division of two numbers:  0.5**

**2. Write a python program that shows method overriding.**

**Constraints:**

**a. Create human class containing speak and express functions with some message**

**b. Create animal class containing speak and express functions with some message**

**c. Create two various instances to check method overriding**

**Concepts Applied: OOPS, polymorphism**

**Sample Output:**

**Animals cannot speak!**

**Animals can also express their emotions!**

**Humans can speak!**

**Humans can express their emotions!**