

/*

Topic :Classes and Objects

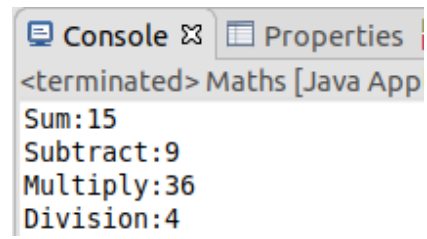
Question 6 :Write a java program, create class Maths and perform addition, division,multiplication and subtraction through different methods of class.pass values to the instance variable through constructor. Create main and call all the methods

*/

```
package Classes_Object;           //pacakage
public class Maths                 //class define
{
    int x,y;
    Maths(int var1,int var2)       //parameter constructor
    {
        x=var1;
        y=var2;
    }
    int add()                      //constructor
    {
        return x+y;
    }
    int subtract()                 //constructor
    {
        return x-y;
    }
    int mul()                      //constructor
    {
        return x*y;
    }
    int div()                      //constructor
    {
        return x/y;
    }
    public static void main(String args[]) //main
    {
        Maths m=new Maths(12,3);
        System.out.println("Sum:"+m.add());
        System.out.println("Subtract:"+m.subtract());
        System.out.println("Multiply:"+m.mul());
        System.out.println("Division:"+m.div());
    }
}
```

```
}
```

OUTPUT



The screenshot shows a console window with two tabs: 'Console' and 'Properties'. The 'Console' tab is active, displaying the output of a Java application named 'Maths [Java App]'. The output consists of four lines: 'Sum:15', 'Subtract:9', 'Multiply:36', and 'Division:4'. The text is displayed in a monospaced font, and the console window has a standard IDE interface with a title bar and tabs.

```
<terminated> Maths [Java App]  
Sum:15  
Subtract:9  
Multiply:36  
Division:4
```