

**Java Programming**

**MCA-272**

**Assignment – 04**

***BY***

**HIMANSHU HEDA (24225013)**

**SUBMITTED TO**

**Dr. Manjula Shannhog**

**SCHOOL OF SCIENCES**

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// Abstract class

abstract class Animal {

    abstract void makeSound();

}

// Subclass Dog

class Dog extends Animal {

    // Implementing the abstract method

    void makeSound() {

        System.out.println("Woof!");

    }

}

// Subclass Cat

class Cat extends Animal {

    // Implementing the abstract method

    void makeSound() {

        System.out.println("Meow!");

    }

}

// Main class

public class AbstractMain {

    public static void main(String[] args) {

        Animal myDog = new Dog(); // Create a Dog object

        Animal myCat = new Cat(); // Create a Cat object

        myDog.makeSound();

        myCat.makeSound();

    }

}

**Program 1 : --**

public class arg1 {

    public static void main(String[] args) {

        int a,b,c;

        a = Integer.parseInt(args[0]);

        b = Integer.parseInt(args[1]);

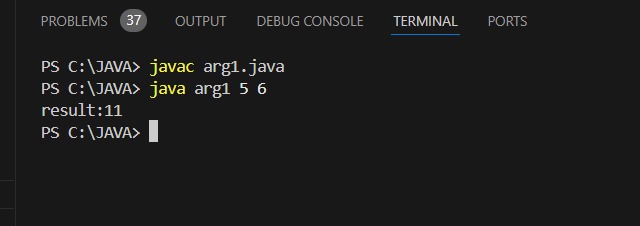
        c = a + b;

        System.out.println("So the Result is : " + c);

    }

}

**OUTPUT : --**

****

**Program 2 : --**

public class arg2 {

    public static void main(String[] args) {

        int n, sum=0;

        n = args.length;

        for (int i = 0; i < n; i++) {

            sum += Integer.parseInt(args[i]);

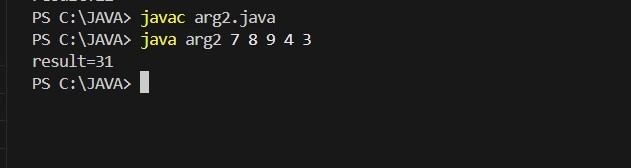
        }

        System.out.println("Result = " + sum);

    }

}

**OUTPUT : --**

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