Addition.java

```java

// Write a method with static keyword in the class for adding 2 numbers
//----------------------------------------------------------------------

package Methods;
public class Addition {
       // Static method to add two numbers
       public static  int addNumbers(int a, int b) {  1 usage
          return a+b;
        }
       public static void main(String[] args) {
          int sum = addNumbers( a: 5,  b: 10);
          System.out.println("The sum is: " + sum);
       }
    }

```

Addition

```
C:\Users\srava\.jdks\openjdk-23.0.2\bin\java.exe
The sum is: 15

Process finished with exit code 0
```

```java

// write a mehtod to add 2 stirng type values - concatination
//-----------------------------------------------------------
package Methods;
public class combiningStrings {
    public static void stringConcatination(String str1,String str2)  1 usage
    {
        System.out.println(str1+str2);
    }
    public static void main(String[] args) {
        stringConcatination("CODEGYM " , " is the best platform for JAVA");
    }
}

```

```
C:\Users\srava\.jdks\openjdk-23.0.2\bin\java.exe
CODEGYM  is the best platform for JAVA

Process finished with exit code 0
```

```java
// write a method in your class to divide 2 int numbers
//_____________________________________________________________________
package Methods;
public class Divide {
                public static void divideTwoNumbers(int a, int b)  1 usage
        {
            int divison=a/b;
            System.out.println(divison);
        }
        public static void main(String[] args) {
            divideTwoNumbers( a: 10, b: 5);
        }
    }
```

```
C:\Users\srava\.jdks\openjdk-23.0.2\bin\java.exe "
2

Process finished with exit code 0
```

```java

// Write a method in your class to multiply 2 int type numbers
//_____________________________________________________________
package Methods;
public class Multiply {
    //int temp=1;
    public static void multiplyTwoNumbers(int a, int b)  1 usage
    {
        int multiplication=a*b;
        System.out.println(multiplication);
    }
    public static void main(String[] args) {
        multiplyTwoNumbers( a: 2, b: 3);
    }
}

```

```
C:\Users\srava\.jdks\openjdk-23.0.2\bin\java.exe "
6

Process finished with exit code 0
```

```java

// Write a method to return your name method name is printName
//----------------------------------------------------------------------
package Methods;
public class Name {
    public static void printName(String str)  1 usage
    {
        System.out.println(str);
    }
    public static void main(String[] args) {
        String name="FAANG";
        printName(name);
    }
}

```

```
C:\Users\srava\.jdks\openjdk-23.0.2\bin\java.exe "-
FAANG

Process finished with exit code 0
```

Write a instance method to print the given array in sorted order

```java
//-----------------------------------------------------------------------
package Methods;
import java.util.Arrays;
public class sortingArray {
    public static void printingTheArrayInSortedOrder() {  1 usage
        int[] array1 = new int[]{1, 3, 2, 6, 8};
        Arrays.sort(array1);
        System.out.print("Sorted Array : ");
        for (int i = 0; i < array1.length; i++) {
            System.out.print(array1[i] + " ");
        }
    }
    public static void main(String[] args) {
        sortingArray sa=new sortingArray();
        sa.printingTheArrayInSortedOrder();
    }
}
```

```
\Users\srava\.jdks\openjdk-23.0.2\bin\java.exe "-j
rted Array : 1 2 3 6 8
ocess finished with exit code 0
```