greatest common factor

```
/**
* Complete the program to find the greatest common
* factor of two numbers.
*
* The Greatest Common Factor (GCF) is the largest number
* that divides evenly into both numbers.
*
* For example the GCF of 12 and 8 is 4.
*/
public class GCF
{
 /**
  * Write a static method named getGCF which takes 2 integer
  * numbers as input and returns an integer which is the
  * GCF of the two inputs.
  */
```

// <<< complete the code for method getGCF>>>

/\*\*

```
* This method is complete - It tests the GCF method
*/
public static void main(String args[])
{
    System.out.println("GCF of 12 and 20 is " + getGCF(12,20)); // answer 4
    System.out.println("GCF of 1024 and 768 is " + getGCF(1024,768)); // answer 256
    System.out.println("GCF of 100 and 25 is " + getGCF(100,25)); // answer 25
    System.out.println("GCF of 90210 and 12561 is " + getGCF(90210,12561)); // answer 3
```

```
System.out.println("GCF of 6229 and 6247 is " + getGCF(6229,6247)); // answer 1
```

}

}