

/***** PART1 output examples *****/ /***** 210104004131 SELEN ERDOĞAN *****/

```
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer for GCD: 228
Enter the second integer for GCD: 8
GCD: 4
```

figure 1 part1 output

```
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer for GCD: 886
Enter the second integer for GCD: 14
GCD: 2
```

figure 2 part1 output

```
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer for GCD: 999
Enter the second integer for GCD: 21
GCD: 3
```

figure 3 part1 output

```
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer for GCD: 11
Enter the second integer for GCD: 777
GCD: 1
```

figure 4 part1 output

/***** PART2 output examples *****/ /***** 210104004131 SELEN ERDOĞAN *****/

```
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer for GCD: 1
Enter the second integer for GCD: 1
GCD: 1
Enter first number for summing: 12
Enter second number for summing: 187

First number: 12
Second number: 187
Result:
   12
+ 187
-----
  199
```

figure 5 part2 output

```
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer for GCD: 545
Enter the second integer for GCD: 965
GCD: 5
Enter first number for summing: 999
Enter second number for summing: 997

First number: 999
Second number: 997
Result:
   999
+ 997
-----
 1996
```

figure 6 part2 output

```
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer for GCD: 11
Enter the second integer for GCD: 4
GCD: 1
Enter first number for summing: 21
Enter second number for summing: 88
First number: 21
Second number: 88
Result:
   21
+  88
-----
  109
```

figure 7 part2 output

/***** PART3 output examples *****/ /***** 210104004131 SELEN ERDOĞAN *****/

```

selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer for GCD: 545
Enter the second integer for GCD: 965
GCD: 5
Enter first number for summing: 999
Enter second number for summing: 997

First number: 999
Second number: 997
Result:
  999
+ 997
-----
 1996
Enter first number for multiplying: 999
Enter second number for multiplying: 654

First number: 999
Second number: 654
Result:
  999
  654
*
-----
 3996
 4995
 5994
+
-----
653346

```

figure 8 part3 output

```

Enter the first integer for GCD: 899
Enter the second integer for GCD: 54
GCD: 1
Enter first number for summing: 12
Enter second number for summing: 32
First number: 12
Second number: 32
Result:
  12
+ 32
-----
 44
Enter first number for multiplying: 85
Enter second number for multiplying: 54
First number: 85
Second number: 54
Result:
Multiplication process with result:
  85
  54
*
-----
 340
 425
+
-----
4590

```

figure 6 part3 output

```

selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer for GCD: 1
Enter the second integer for GCD: 22
GCD: 1
Enter first number for summing: 5
Enter second number for summing: 888
First number: 5
Second number: 888
Result:
  5
+ 888
-----
 893
Enter first number for multiplying: 12
Enter second number for multiplying: 21
First number: 12
Second number: 21
Result:
  12
  21
*
-----
 12
 24
+
-----
 252

```

figure 9 part3 output

```

selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer: 4
Enter the second integer: 4
GCD: 4
Enter first number: 4
Enter second number: 4
First number: 4
Second number: 4
Result:
  4
+ 4
-----
 8
Enter first number: 4
Enter second number: 4
Multiplication process with result:
  4
  4
*
-----
 16
 0
+
-----
 16

```

figure 10 part3 output

/***** PART4 output examples *****/ /***** 210104004131 SELEN ERDOĞAN *****/

```
Please enter an integer between 1 and 10 (inclusive): 4
The integer you entered is less than or equal to 5
=====
Completed tests....
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
```

figure 11 part4 output

```
232
Please enter an integer between 1 and 10 (inclusive): 8
The integer you entered is greater than 5
=====
Completed tests....
```

figure 12 part4 output

```
4590
Please enter an integer between 1 and 10 (inclusive): 5
The integer you entered is less than or equal to 5
=====
Completed tests....
```

figure 13 part4 output

```
00000
Please enter an integer between 1 and 10 (inclusive): 999
Invalid input
=====
Completed tests....
```

figure 14 part4 output

```
01
Please enter an integer between 1 and 10 (inclusive): 85147
Invalid input
=====
Completed tests....
```

figure 15 part4 output

/***** PART ALL output examples *****/ /***** 210104004131 SELEN ERDOĞAN *****/

```
Completed tests....
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer for GCD: 1
Enter the second integer for GCD: 1
GCD: 1
Enter first number for summing: 5
Enter second number for summing: 7

First number: 5
Second number: 7
Result:
   5
+  7
----
  12
Enter first number for multiplying: 9
Enter second number for multiplying: 9

First number: 9
Second number: 9
Result:
   9
   9
*
----
  81
   0
+
----
  81
Please enter an integer between 1 and 10 (inclusive): 85147
Invalid input
=====
Completed tests....
```

```
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
-----
Cleaning...
-----
Compiling...
-----
Running the tests....
=====
Enter the first integer for GCD: 545
Enter the second integer for GCD: 965
GCD: 5
Enter first number for summing: 999
Enter second number for summing: 997

First number: 999
Second number: 997
Result:
  999
+ 997
-----
 1996
Enter first number for multiplying: 999
Enter second number for multiplying: 654

First number: 999
Second number: 654
Result:
  999
  654
*
-----
 3996
 4995
 5994
+
-----
653346
Please enter an integer between 1 and 10 (inclusive): 999
Invalid input
=====
Completed tests....
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
```

```
selenerdogan@selenerdogan-VirtualBox:~/Masaüstü/hm2$ make
```

```
-----  
Cleaning...
```

```
-----  
Compiling...
```

```
-----  
Running the tests....
```

```
=====
```

```
Enter the first integer for GCD: 899
```

```
Enter the second integer for GCD: 54
```

```
GCD: 1
```

```
Enter first number for summing: 12
```

```
Enter second number for summing: 32
```

```
First number: 12
```

```
Second number: 32
```

```
Result:
```

```
12
```

```
+ 32
```

```
-----
```

```
44
```

```
Enter first number for multiplying: 85
```

```
Enter second number for multiplying: 54
```

```
First number: 85
```

```
Second number: 54
```

```
Result:
```

```
Multiplication process with result:
```

```
85
```

```
54
```

```
*
```

```
-----
```

```
340
```

```
425
```

```
+
```

```
-----
```

```
4590
```

```
Please enter an integer between 1 and 10 (inclusive): 5
```

```
The integer you entered is less than or equal to 5
```

```
=====
```

```
Completed tests....
```