

6. In this question, you are going to write one single program including the following:
- (i) a function "print_factor" that reads a positive integer and prints all its factors.
 - (ii) a function "print_cf" that reads two positive integers and prints all their common factors.
 - (iii) a function "coprime" that reads two positive integers and return if they are coprime or not. Two numbers being coprime means their only common factor is 1.
 - (iv) the main program that asks user to input two positive integers and tells the user about factors, common factors and being coprime or not for these two input numbers, by making use of the functions defined above.

Refer to the two samples below:

Sample 1:

```
Enter two positive integers: 70 96
The factors of 70 are: 1 2 5 7 10 14 35 70
The factors of 96 are: 1 2 3 4 6 8 12 16 24 32 48 96
The common factors of 70 and 96 are: 1 2
70 and 96 are not coprime
```

Sample 2:

```
Enter two positive integers: 125 96
The factors of 125 are: 1 5 25 125
The factors of 96 are: 1 2 3 4 6 8 12 16 24 32 48 96
The common factors of 125 and 96 are: 1
125 and 96 are coprime
```