Logo

STUDENT REPORT

DETAILS

Name

A.Padmini

Roll Number

3BR21CS002

EXPERIMENT

Title

HCF

Description

Arjun has two types of Arrows. He wants to measure the length of them using a single measuring tape. What will be the greatest possible length that can be used to measure exactly the length of two arrows? Write a program to calculate this and help Arjun.

Example:

Input: 8 10

Output: The HCF of 8 and 10 is: 2

Input: 25 30

Output: The HCF of 25 and 30 is: 5

Source Code:

```
a,b=map(int,input().split())
def hcf(x,y):
    while y:
        x,y=y,x%y
    return x
res=hcf(a,b)
print(f"The HCF of {a} and {b} is: {res}")
```

RESULT

0 / 5 Test Cases Passed | 0 %