

Problem Statement:

Python program to find HCF

```
def hcf(x,y):  
    if x>y:  
        smaller=y  
    else:  
        smaller=x  
    for i in range(1,smaller+1):  
        if((x%i==0) and (y%i==0)):  
            hcf=i  
    return hcf  
  
num1=int(input("Enter first number:"))  
num2=int(input("Enter second number:"))  
print("The H.C.F of",num1,"and",num2,"is",hcf(num1,num2))
```

OUTPUT:

Enter first number:24

Enter second number:54

The H.C.F of 24 and 54 is 6