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# Python program to find H.C.F of two number
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```
# define a function
```

```
def compute_hcf(x, y):
```

```
# choose the smaller number
```

```
    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 = 54
```

```
num2 = 24
```

```
print("The H.C.F. is", compute_hcf(num1, num2))
```

Run Code >>