

```
#include <stdio.h>
```

```
int hcf(int n1, int n2);
```

```
int main() {
```

```
    int n1, n2;
```

```
    printf("Enter two positive numbers: ");
```

```
    scanf("%d %d", &n1, &n2);
```

```
    printf("G.C.D. of %d and %d.", n1, n2, hcf(n1, n2));
```

```
    return 0;
```

```
}
```

```
int hcf(int n1, int n2) {
```

```
    if (n2 != 0)
```

```
        return hcf(n2, n1 % n2);
```

```
    else
```

```
        return n1;
```

```
}
```