

Program no:

Aim :

Generate all factors of a number.

Program :

```
print (Generate all factors of a number)
```

```
n = int (input (" Enter a number : "))
```

```
print (" The factors of ", +n, " are: ")
```

```
for i in range (1, n+1):
```

```
    if n%i == 0:
```

```
        print (i)
```

Result :

The output was verified and program was executed .

Output

Generate all factors of a given number :

Enter a number : 10

Factors of 10 are :

1

2

5

10

Enter a number : 1331

Factors of 1331 are :

1

11

121

1331