An Abundant Number is when the sum of all the divisors of a number (not including the number itself) is larger than the number. It is considered a perfect number if the sum of the divisors is equal to the number. It is deficient if the sum of the divisors is less then the number.

- 12 = 1 + 2 + 3 + 4 + 6= 16 is an abundant number
- 16 = 1 + 2 + 4 + 8 = 15 is a deficient number
- 28 = 1 + 2 + 4 + 7 + 14 = 28 is a perfect number

Write a program to allow the user to enter a number, the program will then determine if the number is abundant, deficient, or perfect. Add an additional loop to have the program continue asking until the value -1 is input to quit.

```
Number types:

Enter a number (-1 to quit): 12

12 is a abundant number.


Enter a number (-1 to quit): 14

14 is an deficient number.


Enter a number (-1 to quit): 6

6 is a perfect number.


Enter a number (-1 to quit): -1
```