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Day 16 coding Statement :

Write a program to identify if the number is a Perfect number or not.

Description:

Get the input from the user and check whether that number is a perfect number or not.

E.g. Let number is 28, factors of 28 are 1,2,4,7,14.

Now the sum of all these factors is 28 itself.

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"""
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def isPerfectNumber(num):  
    fact_sum = 0  
    for i in range(1, num):  
        if num % i == 0:  
            fact_sum += i  
    return fact_sum == num  
  
if __name__ == "__main__":  
    num = int(input("Enter the number: "))  
    if isPerfectNumber(num):  
        print(f"{num} is perfect number")  
    else:  
        print(f"{num} is not perfect number")
```