```python
"""This program will add the digits of a given number
1. Take number as input from user
2. initialize s_d = 0
3. put a While number is greater than 0
4. rem of number when divided by 10 using modulus function
5. add the rem s_d
6. reduce the number by dividing it by 10
7. At the end of while loop print s_d
"""

num1=num2 = input("Enter any number: ")
s_d = 0
while num1>0:
    rem = num1 %10
    s_d = s_d + rem
    num1 = num1 / 10

print "The sum of digits of a given number %d is %d" %(num2,s_d)
```