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#loop countdown
countdown=10
while countdown>=1:
    print(f"number{countdown}")
    countdown=countdown-1

#loop sum of natural numbers
natural_numbers=20
sum_of_numbers=0
number=1
while number<=natural_numbers:
    sum_of_numbers=sum_of_numbers+number
    number=number+1
print(f"The sum of the first {natural_numbers} natural numbers is {sum_of_numbers}")

#loop even numbers up to 50
number=2
while number<=50:
    if number%2==0:
        print(number)
    number=number+2

#loop password attempts
password="1233qwe"
attempts=3
while attempts>0:
    user_input=input("Please enter password ")
    if user_input==password:
        print("Access granted")
        break
    else:
        attempts=attempts-1
        print("Incorrect password")
        if attempts==0:
            print("login failed")

#loop prime numbers less than 20
n=1
while n<=20:
    c=0
    i=2
    while i<=n//2:
        if n%i==0:

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        c+=1
        break
    i+=1
    if c==0 and n!=1:
        print(n,end=" ")
    n+=1

#loop sum
total=0
num=int(input("Enter the value "))
while num!=0:
    num=int(input("Enter the value"))
    total+=num
print("The total sum"+total)

#loops multiplication tables
n=int(input("Enter number whose table we shall print "))
i=1
while i<=10:
    print(n*i)
    i+=1
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