1. for i in range(1500,2701):

if i%5==0 and i%7==0:

print(i)

1. a=int(input("Enter first number:"))

b=int(input("Enter second number"))

sum=a+b

print("sum of {} and {} is {}".format(a,b,sum) )

1. a=int(input("Enter first number:"))

b=int(input("Enter second number"))

maximum=max(a,b)

print("Maximum of {} and {} is {}".format(a,b,maximum) )

1. P=int(input("Enter Principle:"))

R=int(input("Enter Rate of interest:"))

T=int(input("Enter Time period:"))

SI= (P\*R\*T)/100

print("Simple Interest is:",SI )

1. f=int(input("Enter number to find factorial:"))

fact=1

for i in range(1,f+1):

fact=fact\*i

print(fact)

1. P=int(input("Enter Principle:"))

R=int(input("Enter Rate of interest:"))

T=int(input("Enter Time period:"))

CI= P\*((1+(R/100))\*\*T)

print("Compound Interest is:",CI)

1. a = int(input("Enter a number: "))

b = 0

temp = a

while temp > 0:

c = temp % 10

b = b+ (c \*\* 3)

temp //= 10

if a == b:

print(a,"is an Armstrong number")

else:

print(a,"is not an Armstrong number")

1. r = int(input("Enter radius of the circle:"))

Area = 3.14 \* r \* r

print("Area of circle is:", Area)

1. ran =int(input("Enter range:"))

for num in range (1, ran + 1):

if num > 1:

for i in range (2, num):

if (num % i) == 0:

break

else:

print (num)

1. num=int(input("Enter a number:"))

if num > 1:

for i in range(2, num//2):

if (num % i) == 0:

print(num, "is not a prime number")

break

else:

print(num, "is a prime number")