for i in range(1500,2701):

    if((i%7==0) and (i%5==0)):

        print(i)

2.

x=input("Enter Temperature:")

t=input("Enter Temperature type:")

if(t=='c'):

    f=((int(x)\*(9/5))+32)

    print("The Temperature in Fahrenheit is :",f)

else:

    c=((int(x)-32)\*(5/9))

    print("The Temperature in Celsius is :",c)

3.

import random

x=random.randint(1,9)

n=input("Guess a Number from 1 to 9:")

while(int(n)!=x):

    n=input("Enter Again")

print("WELL GUESSED!!!")

4.

for i in range(1,6):

    for j in range(i):

        print("\*",end='')

    print()

k=4

for i in range(k,0,-1):

    for j in range(i):

        print("\*", end='')

    print()

5.

x=input("Enter a Word:")

for i in range(len(x)-1,-1,-1):

    print(x[i],end='')

6.

numbers=[]

x=input("Enter the Number of Elements in a Series: ")

for i in range(int(x)):

    n=input("Enter the Number in Series: ")

    numbers.append(n)

e=0; o=0

for j in numbers:

    if(int(j)%2==0):

        e+=1

    else:

        o+=1

print("The Number of Odd Numbers is:",o)

print("\nThe Number of Even Numbers is:",e)

7.

import ast

list=[]

x=input("Enter the Number of Elements in a list:")

for i in range(int(x)):

    n=input("Enter the Element in string:")

    try:

        n=ast.literal\_eval(n)

    except(ValueError,SyntaxError):

        pass

    list.append(n)

for i in range(int(x)):

    print(list[i],type(list[i]))

8.

for i in range(7):

    if(i!=3 and i!=6):

        print(i)

    continue

9.

a=0; b=1

for i in range(51):

    c=a+b

    if(c<50):

        print(c)

        a=b

        b=c

    else:

        break

10.

for i in range(1,51):

    if(i%3==0 and i%5==0):

        print("FIZZBUZZ")

    elif(i%3==0):

        print("FIZZ")

    elif(i%5==0):

        print("BUZZ")

    else:

        print(i)

11.

m=input("Enter the Number of rows:")

n=input("Enter the number of columns:")

for i in range(int(m)):

    for j in range(int(n)):

        print(i\*j,",",end='')

    print()

12.

lines=[]

while True:

    l=input("Enter a Line:")

    if(l==""):

        break

    lines.append(l)

for i in lines:

    print(i.lower())

13.

str=[]

for i in range(6):

    n=input("Enter the Number in Binary:")

    str.append(n)

for j in str:

    if(int(j,2)%5==0):

        print(int(j))

14.

n=input("Enter a String:")

l=d=0

for i in n:

    if((i>='a' and i<='z') or (i>='A' and i<='Z')):

        l+=1

    elif(i>='0' and i<='9'):

        d+=1

print("Digits are:",d)

print("Letters are",l)

15.

n=input("Enter your Password:")

if(len(n)<6 or len(n)>16):

    ans=False

    print("Invalid Password...")

    exit()

l=u=d=s=False

for i in n:

    if(i.islower()):

        l=True

    elif(i.isupper()):

        u=True

    elif(i.isdigit()):

        d=True

    elif(i in ['$','@','#']):

        s=True

if(l and u and d and s):

    print("Valid Password!!!")

else:

    print("Invalid Password...")