**Week 4:**

1. Write a program which will find all such numbers which are divisible by 7 but are not a multiple of 5, between 2000 and 3200 (both included).

The numbers obtained should be printed in a comma-separated sequence on a single line. Consider use range(#begin, #end) method

2. Write a python program to check whether a number is divisible by 5 and 11 or not.

3. Write a python program to check whether a character is alphabet or not.

4. Write a python program to input any character and check whether it is alphabet, digit or special character.

5. Write a python program to check whether a character is uppercase or lowercase alphabet.

6. Write a python program to input week number and print week day.

7.Write a python program to count total number of notes in given amount

**Week -4 :**

**1.Write a program which will find all such numbers which are divisible by 7 but are not a multiple of 5, between 2000 and 3200 (both included).The numbers obtained should be printed in a comma-separated sequence on a single line. Consider use range(#begin, #end) method**

nl=[]

for x in range(1500, 2701):

if (x%7==0) and (x%5==0):

nl.append(str(x))

print (','.join(nl))

l1=range(2000,3201)

for x1 **in** l1:

if (x1%7==0) and (x1%5!=0):

print (x1)

**2.Write a python program to check whether a number is divisible by 5 and 11 or not**

number = int(input(" Please Enter any Positive Integer : "))

if((number % 5 == 0) and (number % 11 == 0)):

print(" the Given Number is Divisible by 5 and 11")

else:

print(" the Given Number is Not Divisible by 5 and 11")

**3.Write a python program to check whether a character is alphabet or not**

ch = input("Please Enter Your Own Character : ")

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

print("The Given Character ", ch, "is an Alphabet")

else:

print("The Given Character ", ch, "is Not an Alphabet")

**4.Write a python program to input any character and check whether it is alphabet, digit or special character.**

ch = input("Please Enter Your Own Character : ")

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

print("The Given Character ", ch, "is an Alphabet")

elif(ch >= '0' and ch <= '9'):

print("The Given Character ", ch, "is a Digit")

else:

print("The Given Character ", ch, "is a Special Character")

**5.Write a python program to check whether a character is uppercase or lowercase alphabet.**

ch = input("Please Enter Your Own Character : ")

if(ch >= 'A' and ch <= 'Z'):

print("The Given Character ", ch, "is an Uppercase Alphabet")

elif(ch >= 'a' and ch <= 'z'):

print("The Given Character ", ch, "is a Lowercase Alphabet")

else:

print("The Given Character ", ch, "is Not a Lower or Uppercase Alphabet")

**6.Write a python program to input week number and print week day**

weekday = int(input("Enter weekday number (1-7) : "))

**if** weekday == 1 :

print("\nMonday");

**elif** weekday == 2 :

print("\nTuesday")

**elif**(weekday == 3) :

print("\nWednesday")

**elif**(weekday == 4) :

print("\nThursday")

**elif**(weekday == 5) :

print("\nFriday")

**elif**(weekday == 6) :

print("\nSaturday")

**elif** (weekday == 7) :

print("\nSunday")

**else** :

print("\nPlease enter any weekday number (1-7)")

**7.Write a python program to count total number of notes in given amount**

notes = [2000, 500, 200, 100, 50, 20, 10, 5, 2, 1]

amount = int(input("Enter the ammount: "))

for i in range(8):

print("Rs.",notes[i],"notes will be:",amount//notes[i])

amount = amount%notes[i]