#program 7 get 3 i/p from the user check and print the result using conditional statement

input\_1=input("ENTER YOUR NAME")

if input\_1=="gowtham":

print()

else:

print("SORRY TRY AGAIN....")

input\_2=(input("ENTER YOUR PASSWORD"))

if input\_2=="1234":

print()

else:

print("SORRY TRY AGAIN....")

while 1:

input\_3=int(input("ENTER YOUR MARK"))

if input\_3<35:

print("FAIL")

elif input\_3>=35 and input\_3<50:

print("AVRAGE")

elif input\_3>=50 and input\_3<80:

print("GOOD")

elif input\_3>=80 and input\_3<=99:

print("SUPER")

else:

print("SORRY TRY AGAIN....")

##OUTPUT:

ENTER YOUR NAMEgowtham

ENTER YOUR PASSWORD1234

ENTER YOUR MARK90

SUPER

ENTER YOUR MARK80

SUPER

ENTER YOUR MARK40

AVRAGE

ENTER YOUR MARK32

FAIL

ENTER YOUR MARK10

FAIL

ENTER YOUR MARK100

SORRY TRY AGAIN....

#program 10 Whether its leap year or not

while 1:

a=int(input("ENTER YEAR"))

if (a%4==0 and a%100!=0)or a%400==0:

print("LEAP YEAR")

else:

print("NOT LEAP YEAR")

##OUTPUT:

ENTER YEAR2000

LEAP YEAR

ENTER YEAR2021

NOT LEAP YEAR

#program 16 print the output

c="welcome"

for i in range(5):

print(c,5-i)

## OUTPUT:

welcome 5

welcome 4

welcome 3

welcome 2

welcome 1

#program 14 Eligible for vote or not

while 1:

age=int(input("ENTER YOUR AGE"))

if age<=17:

print('YOUR NOT eligible')

else:

print('YOU ARE ELIGIBLE')

##OUTPUT:

ENTER YOUR AGE20

YOU ARE ELIGIBLE

ENTER YOUR AGE17

YOUR NOT eligible

#program 8 write a program to display "Hello" if the num multiple by 5 otherwise print "Bye"

while 1:

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

if number % 5 == 0:

print("Hello")

else:

print("Bye")

##OUTPUT:

Enter a number: 20

Hello

Enter a number: 21

Bye

#program 9 print the number btwn 10 to 20.

num = 10

while num <= 20:

print(num)

num += 1

##OUTPUT:

10

11

12

13

14

15

16

17

18

19

20

#program 12 get i/p fromm user check its vowel or not

while 1:

ch = input("Enter a character: ")

if ch in ['a', 'e', 'i', 'o', 'u', 'A', 'E', 'I', 'O', 'U']:

print("The character is a vowel.")

else:

print("The character is not a vowel.")

##OUTPUT:

Enter a character: A

The character is a vowel.

Enter a character: a

The character is a vowel.

Enter a character: n

The character is not a vowel.

for i in range(1, 6, ):

for j in range(5, i-1, -1):

print(j, end=' ')

print()

##OUTPUT:

5 4 3 2 1

5 4 3 2

5 4 3

5 4

5

name = input("Enter a name: ")

# get the length of the name

length = len(name)

# loop through the characters in the name and print them in the pattern

for i in range(length):

for j in range(length):

if j == i:

print(name[j], end='' )

else:

print('-', end='')

print()

##OUTOUT:

Enter a name: GOWTHAM

G------

-O-----

--W----

---T---

----H--

-----A-

------M

#program 11 get 2 i/p from user use arithmetic, comparison & logical operator

a=int(input("Enter the value:"))

b=int(input("Enter the value:"))

c=a+b#arithmetic operator

if a<b:#comparison operator

print("The addition value is",c)

elif (b<a) or (b==a):#logical operator

print("The subtraction value is ",a-b)

Output: