# ELIGIBILITY FOR VOTING

age= int(input("enter your age"))

if age>= 18:

print("eligible to vote")

else:

print("not eligible to vote")

output:

enter your age18

eligible to vote

enter your age17

not eligible to vote

# SMALLEST OF THREE NUMBERS

num1=int(input("enter any number"))

num2=int(input("enter any number"))

num3=int(input("enter any number"))

if (num1<num2) and (num1<num3):

print("num1 is smallest")

elif (num2<num1) and (num2<num3):

print("num2 is smallest")

else:

print("Num3 is smallest")

output:

enter any number1

enter any number2

enter any number3

num1 is smallest

# ROOTS FOR QUADRATIC EQUATION

a=int(input("enter the coeff of a "))

b=int(input("enter the coeff of b "))

c=int(input("enter the coeff of c "))

d=b\*b-4\*a\*c

r1=(-b+(d)\*\*1/2/(2\*a))

r2=(-b-(d)\*\*1/2/(2\*a))

if d>0:

print("roots are real and unequal")

elif d==0:

print("roots are real and equal")

else:

print("no real roots")

output:

enter the coeff of a2

enter the coeff of b3

# CHECK CHARACTER IF IS LOWER PRINT \*\* ELSE PRINT U

ch= input("enter any character")

lower=">=a"and"<=z"

if(ch.islower()):

print("\*","\*")

else:

print(U)

output:

enter any character a

\* \*

# SMALLEST OF THREE NUMBERS

num1=int(input("enter any number"))

num2=int(input("enter any number"))

num3=int(input("enter any number"))

if (num1<num2) and (num1<num3):

print("num1 is smallest")

elif (num2<num1) and (num2<num3):

print("num2 is smallest")

else:

print("Num3 is smallest")

output:

enter any number1

enter any number2

enter any number3

num1 is smallest

# DAYS OF THE WEEK

d=int(input("enter the days in the order"))

if d==1:

print("sunday")

if d==2:

print("monday")

if d==3:

print("tuesday")

if d==4:

print("wednesday")

if d==5:

print("thursday")

if d==6:

print("friday")

if d==7:

print("saturday")

output:

enter the days in the order5

thursday