PYTHON CODE FOR TRAFFIC LIGHT:

X=input(“Enter value:”)

traffic\_light=int(x)

While True:

If traffic\_light>=1 and traffic\_light<10:

Print(‘green light’)

traffic\_light+=1

elif traffic\_light<20:

Print(‘yellow light’)

traffic\_light+=1

elif traffic\_light<30:

Print(‘red light’)

traffic\_light+=1

else:

traffic\_light=0

break

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OUTPUT:

Enter value:27

Red light

>>>>

Enter value:3

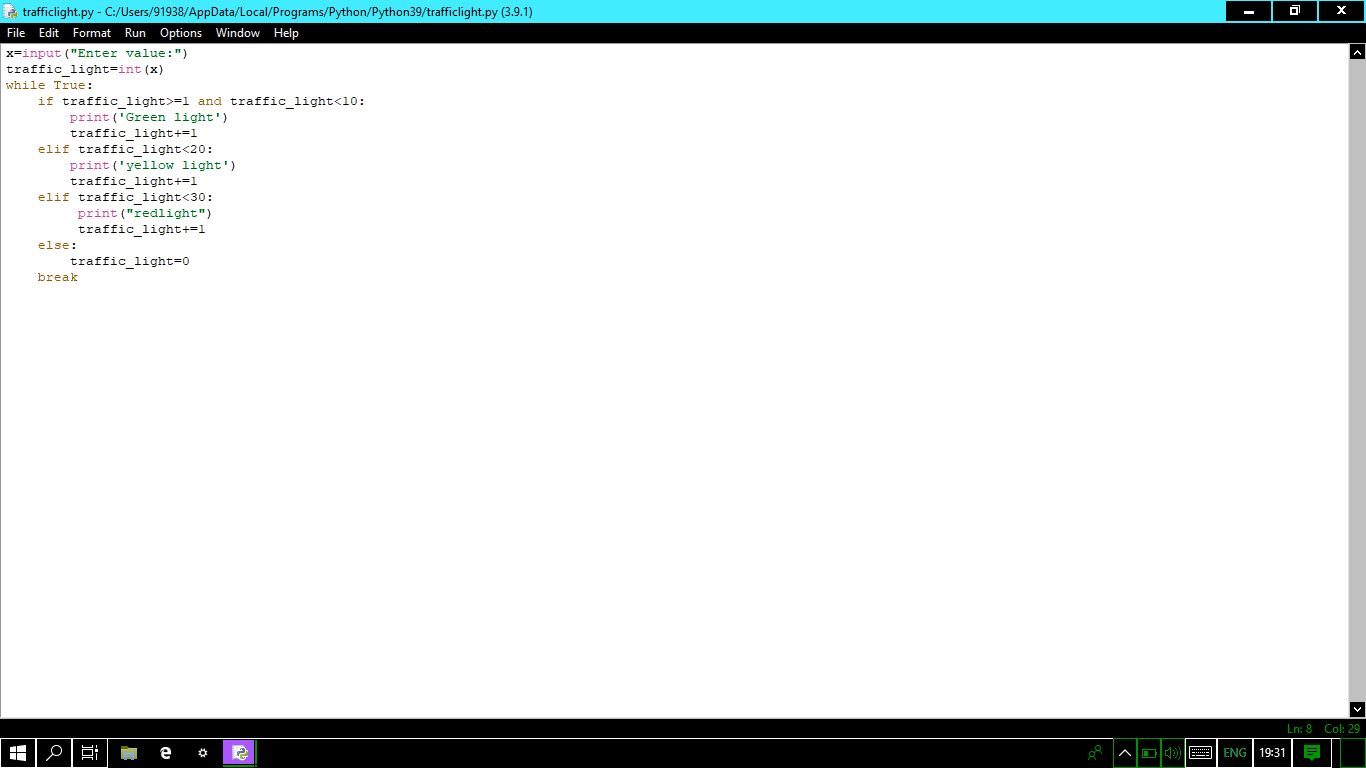
Green light

>>>>

Enter value:12

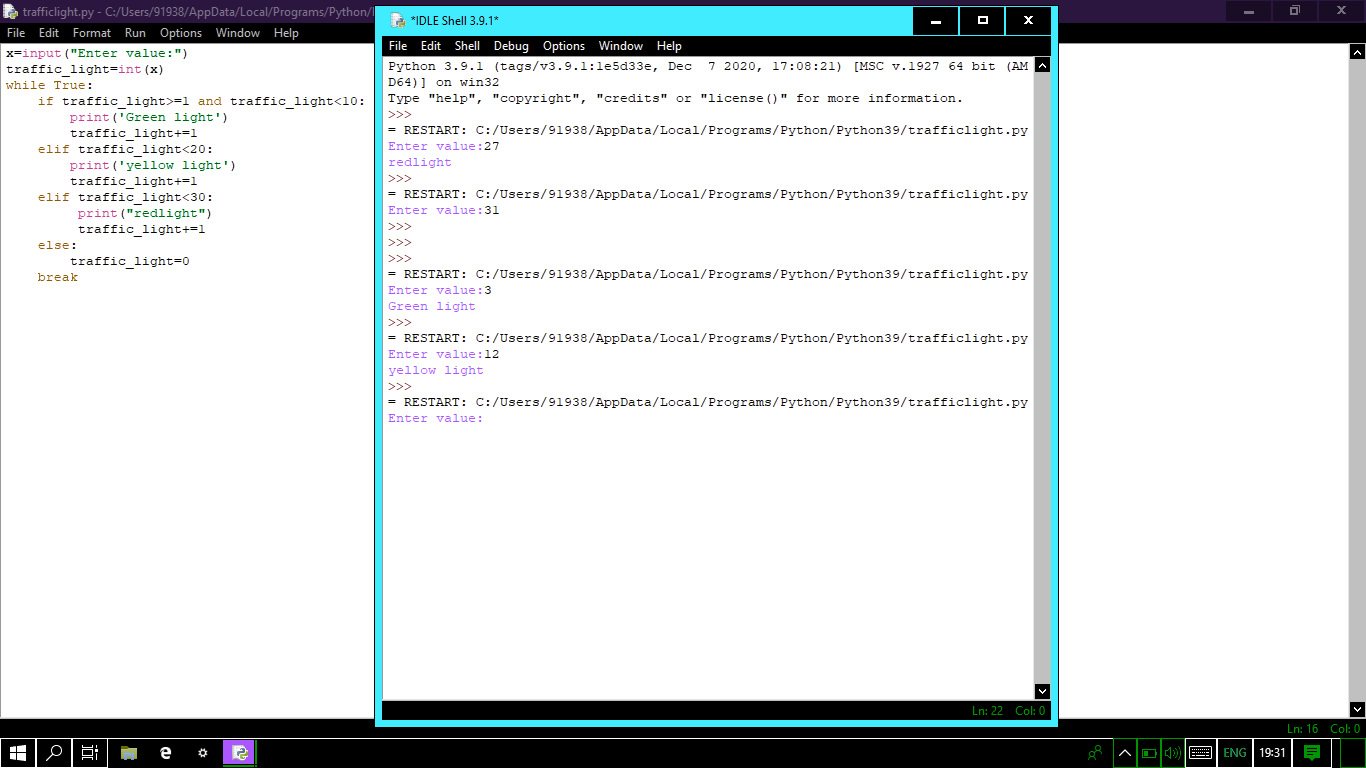
Yellow light

>>>>



ASSESSMENT NO:03

VARSHA.E

PROGRAM EXECUTION:

PYTHON CODE FOR BLINKING LED:

X=input(“ENTER VALUE”)

BLINK\_LED=int(x)

While True:

If BLINK\_LED>=100:

Print(“LED IS BLINKING”)

else:

Print(“NIL”)

OUTPUT:

LED IS BLINKING

LED IS BLINKING

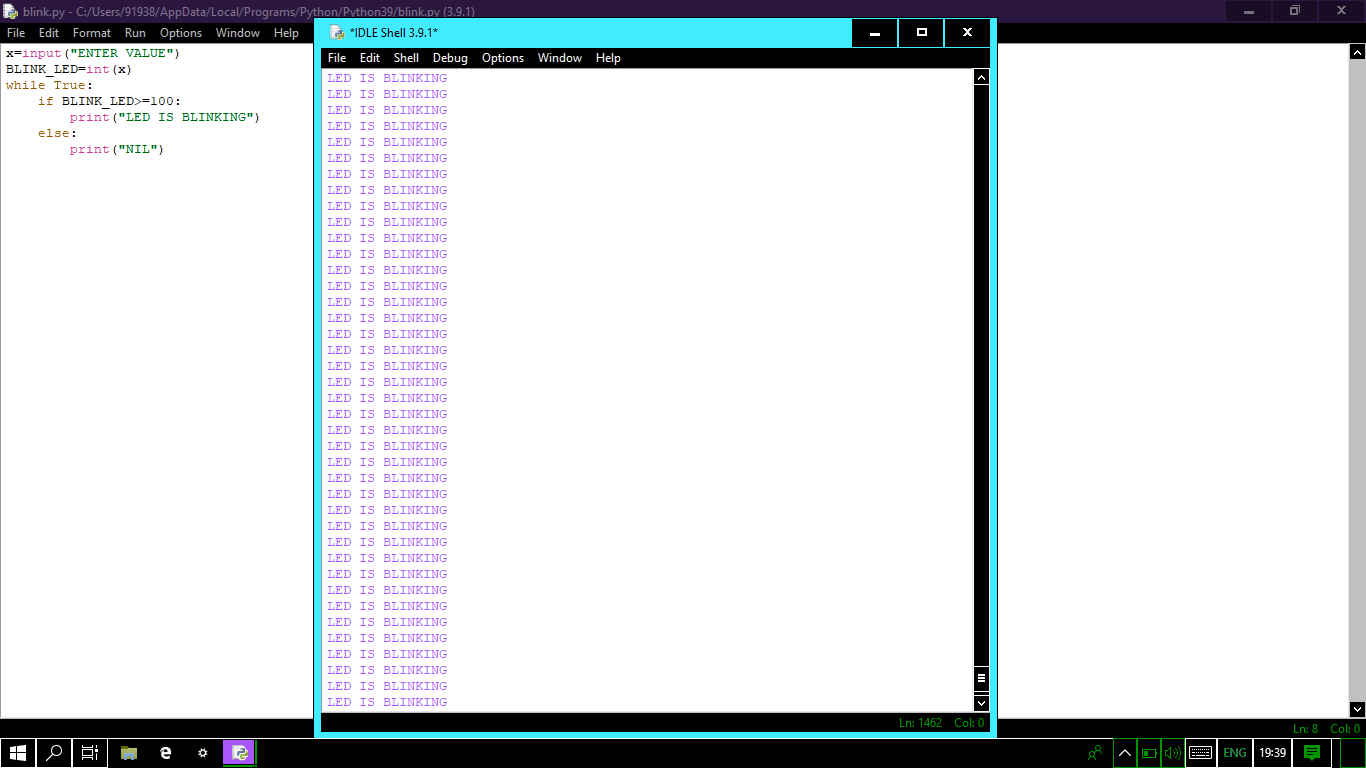
LED IS BLINKING

LED IS BLINKING

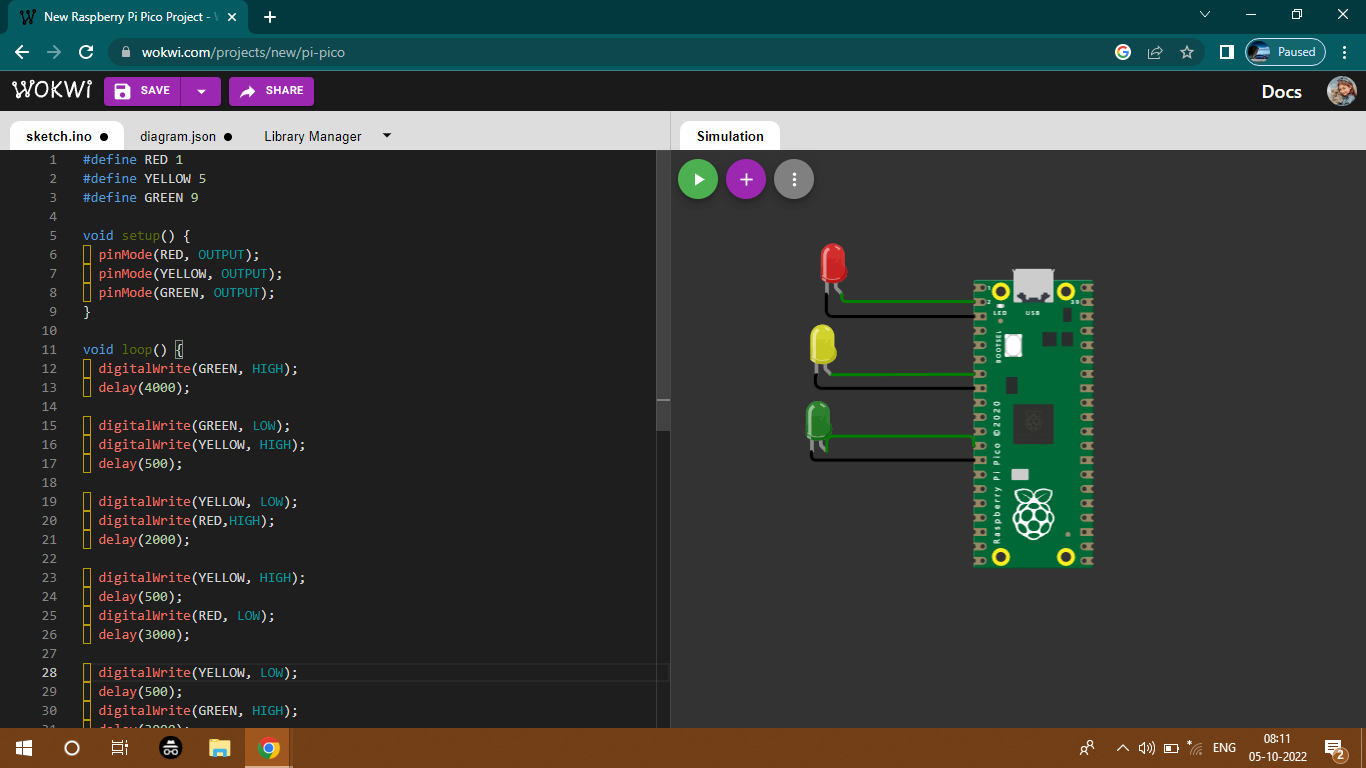
LED IS BLINKING

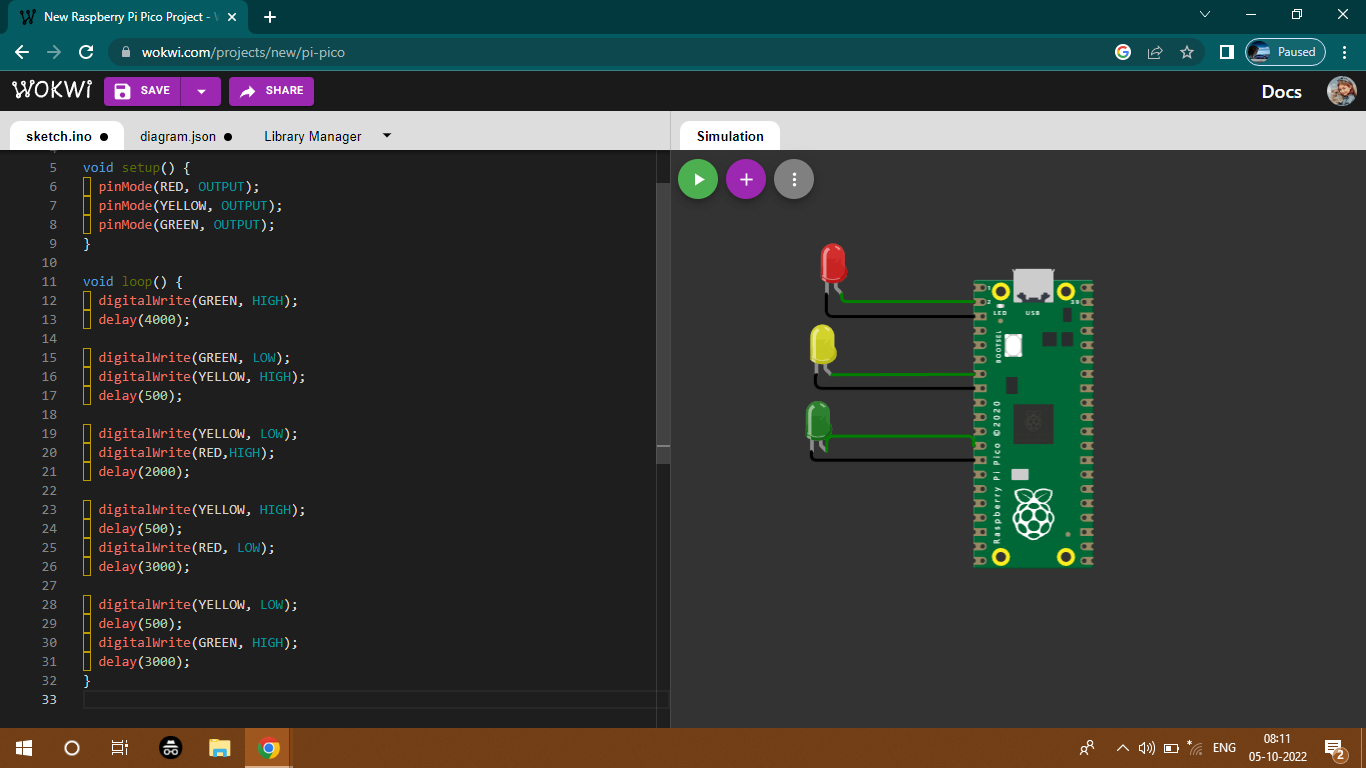
LED IS BLINKING

LED IS BLINKING

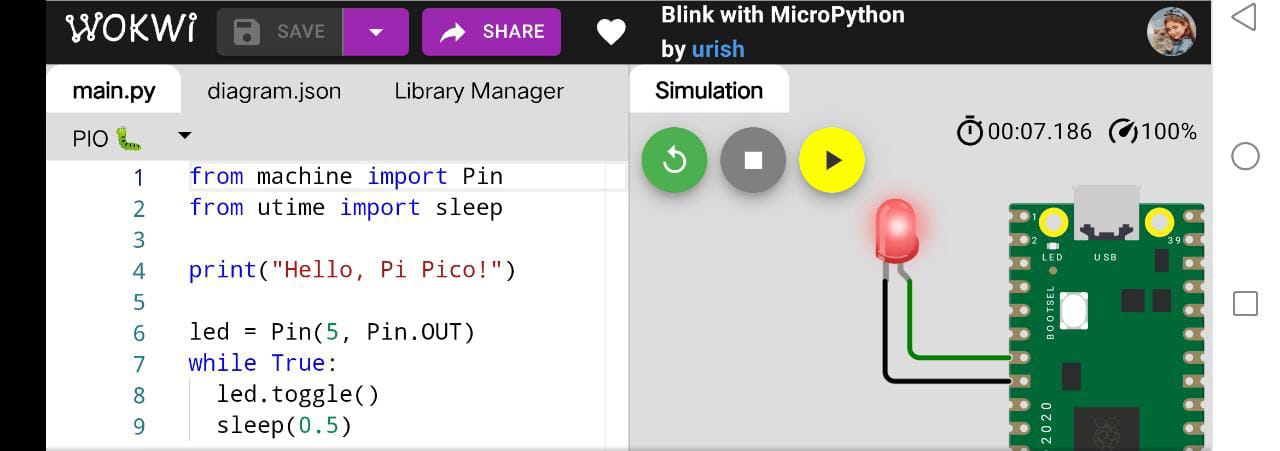
PROGRAM EXECUTION:

CODE FOR RASEPERRY PI(TRAFFIC LIGHT):





CODE FOR BLINKING LED:



ASSESSMENT NO:03

VARSHA.E