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| **1** | **Displaying different LED patterns with Raspberry Pi.** |
|  | import RPi.GPIO as GPIO import time  x=1  numTimes=int(input("Enter tottal number of times to blink")) speed=float(input("Enter length of each blink(seconds) : "))  GPIO.setwarnings(False) GPIO.setmode(GPIO.BOARD) GPIO.setup(5,GPIO.OUT) GPIO.setup(10,GPIO.OUT) GPIO.setup(19,GPIO.OUT)  G PIO.setup(26,GPIO.OUT) GPIO.setup(29,GPIO.OUT)  def Blink(numTimes,speed): for i in range(0,numTimes):  GPIO.output(5,True) print ("Iteration ", (i+1))  GPIO.output(10,True) print ("Iteration ", (i+1))  GPIO.output(19,True) print ("Iteration ", (i+1))  GPIO.output(26,True) print ("Iteration ", (i+1))  GPIO.output(29,True) print ("Iteration ", (i+1))  GPIO.output(29,False) print ("Iteration ", (i+1)) time.sleep(speed)  GPIO.output(26,False) print ("Iteration ", (i+1)) |

T.Y.B.Sc. (I.T.) 2019

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|  | time.sleep(speed)  GPIO.output(19,False) print ("Iteration ", (i+1)) time.sleep(speed)  GPIO.output(10,False) print ("Iteration ", (i+1)) time.sleep(speed)  GPIO.output(5,False) print ("Iteration ", (i+1)) time.sleep(speed)  Blink(numTimes,speed) print("Done") |