**PRACTICAL 10**

**Write a program to use Relay to control electrical equipment.**

import RPi.GPIO as GPIO

import time

in1 = 16

in2 = 18

|  |
| --- |
| GPIO.setmode(GPIO.BOARD) |
| GPIO.setup(in1, GPIO.OUT) |
| GPIO.setup(in2, GPIO.OUT)     |  |  | | --- | --- | |  | GPIO.output(in1, False) | |  | GPIO.output(in2, False) | |  |  | |  | try: | |  | while True: | |  | for x in range(5): | |  | GPIO.output(in1, True) | |  | time.sleep(0.1) | |  | GPIO.output(in1, False) | |  | GPIO.output(in2, True) | |  | time.sleep(0.1) | |  | GPIO.output(in2, False) | |  |  | |  | GPIO.output(in1,True) | |  | GPIO.output(in2,True) | |  |  | |  | for x in range(4): | |  | GPIO.output(in1, True) | |  | time.sleep(0.05) | |  | GPIO.output(in1, False) | |  | time.sleep(0.05) | |  | GPIO.output(in1,True) | |  |  | |  | for x in range(4): | |  | GPIO.output(in2, True) | |  | time.sleep(0.05) | |  | GPIO.output(in2, False) | |  | time.sleep(0.05) | |  | GPIO.output(in2,True) | |  |  | |  |  | |  |  | |  | except KeyboardInterrupt: | |  | GPIO.cleanup() | |