**PRACTICAL – 10**

|  |  |
| --- | --- |
| 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() | |