

```
#headers={"Content-type":"application/x-www-form-urlencoded","Accept":"text/plain"}
#9: Write a program for sending sensor data to the cloud and storing it in a database.
```

```
import http.client , urllib.request,urllib.parse
import RPi.GPIO as GPIO
```

```
key = 'QNHB1FXE2SWYHBBW' # copy the write API key
pin = 35
```

```
G.setmode(G.BOARD)
G.setup(pin, G.IN)
G.setwarnings(True)
```

```
while True:
    params=urllib.parse.urlencode({'field1':G.input(pin),'key':key})
    con=http.client.HTTPConnection("api.thingspeak.com")
    con.request("POST","/update",params)

    # this field is to display the status nd all in terminal
    response=con.getresponse()
    print (response.status,response.reason)
    data=response.read()
    con.close()
```