

In [1]:

```
import psutil
import time
import pyodbc
```

In [2]:

```
con=pyodbc.connect('Driver={SQL Server};'
                   'Server=DESKTOP-MVCF3NV\SQLEXPRESS;'
                   'Database=System_Information;'
                   'Trusted_Connection=yes;')

cursor=con.cursor()
```

In [*]:

```
while 1==1:

    cpu_usage=psutil.cpu_percent()

    memory_usage=psutil.virtual_memory()[2]

    cpu_interrupts=psutil.cpu_stats()[1]

    cpu_calls=psutil.cpu_stats()[3]

    memory_used=psutil.virtual_memory()[3]

    memory_free=psutil.virtual_memory()[4]

    bytes_sent=psutil.net_io_counters()[0]

    bytes_recieved=psutil.net_io_counters()[1]

    disk_usage=psutil.disk_usage('/')[3]
    cursor.execute('INSERT INTO Performance VALUES (GETDATE(), '
                   + str(cpu_usage) + ', '
                   + str(memory_usage) + ', '
                   + str(cpu_interrupts) + ', '
                   + str(cpu_calls) + ', '
                   + str(memory_used) + ', '
                   + str(memory_free) + ', '
                   + str(bytes_sent) + ', '
                   + str(bytes_recieved) + ', '
                   + str(disk_usage) + ')')
    con.commit()
    time.sleep(1)
```

In []:

