Process Monitor

Automation script which display all running processes.

```python
1  import psutil
2
3  def ProcessDisplay():
4      listprocess = []
5
6      for proc in psutil.process_iter():
7          try:
8              pinfo = proc.as_dict(attrs=['pid', 'name', 'username'])
9
10             listprocess.append(pinfo);
11
12         except (psutil.NoSuchProcess, psutil.AccessDenied, psutil.ZombieProcess):
13             pass
14
15     return listprocess
16
17 def main():
18     print("Marvellous Infosystems : Python Automation & Machine Learning")
19
20     print("Process Monitor")
21
22     listprocess = ProcessDisplay()
23
24     for elem in listprocess:
25         print(elem)
26
27 if __name__=="__main__":
28     main()
29
```

Output of above script

ountsd' }
{'username': 'marvellous', 'pid': 334, 'name': 'identityservicesd' }
{'username': 'marvellous', 'pid': 335, 'name': 'imagent' }
{'username': 'marvellous', 'pid': 336, 'name': 'tccd' }
{'username': 'marvellous', 'pid': 337, 'name': 'mapspushd' }
{'username': 'marvellous', 'pid': 339, 'name': 'IMDPersistenceAgent' }
{'username': 'marvellous', 'pid': 340, 'name': 'AppleIDAuthAgent' }
{'username': 'marvellous', 'pid': 341, 'name': 'keyboardservicesd' }
{'username': 'marvellous', 'pid': 342, 'name': 'SafariCloudHistoryPushAgent' }
{'username': 'marvellous', 'pid': 343, 'name': 'CallHistorySyncHelper' }
{'username': 'marvellous', 'pid': 344, 'name': 'akd