

The screenshot shows the PyCharm IDE with the file `6.py` open. The code in the editor is as follows:

```

1 for p in processes[1:10]:
2     list.append(p)
3
4 for x in list:
5     process_list = psutil.Process(x)
6     name = process_list.name()
7     m = round(process_list.memory_percent(), 2)
8     cpu = int(process_list.cpu_percent(interval=1.0))
9     print("Nome: {} PID: {} Memória: {} CPU: {}".format(name, x, m, cpu))

```

The Run window shows the command executed: `C:\Users\YacovR\AppData\Local\Programs\Python\Python36-32\python.exe D:/Projetos/ProjectsPython/InfnetTrabalhos/ProjetoPython/Tp6&7/6.py`. The output is a table of system processes:

Nome	Pid	Memória	CPU
System	4	0.05%	1
Registry	120	0.06%	0
smss.exe	564	0.01%	0
csrss.exe	748	0.03%	0
wininit.exe	852	0.04%	0
csrss.exe	860	0.04%	0
services.exe	924	0.06%	0
lsass.exe	944	0.1%	0
svchost.exe	392	0.02%	0

The process finished with exit code 0.

The screenshot shows the PyCharm IDE with the file `7.py` open. The code in the editor is as follows:

```

1 import psutil
2
3 import socket
4
5 def Main():
6     show_redes_info()
7
8 if __name__ == '__main__':
9     Main()

```

The Run window shows the command executed: `C:\Users\YacovR\AppData\Local\Programs\Python\Python36-32\python.exe D:/Projetos/ProjectsPython/InfnetTrabalhos/ProjetoPython/Tp6&7/7.py`. The output is a table of network connections:

End.	Tipo	Status	Endereço	PID
IPv4	TCP	ESTABLISHED	127.0.0.1	10012
IPv6	TCP	ESTABLISHED	2804:7f1:c080:8ded:40fd:3b7e:3b16:2763	9596
IPv6	TCP	TIME_WAIT	2804:7f1:c080:8ded:40fd:3b7e:3b16:2763	0
IPv4	TCP	ESTABLISHED	192.168.25.226	7520
IPv6	TCP	ESTABLISHED	2804:7f1:c080:8ded:40fd:3b7e:3b16:2763	9596
IPv6	TCP	ESTABLISHED	2804:7f1:c080:8ded:40fd:3b7e:3b16:2763	9596
IPv4	UDP	NONE	0.0.0.0	3016
IPv4	UDP	NONE	192.168.25.226	6188
IPv4	TCP	ESTABLISHED	127.0.0.1	13832
IPv4	TCP	ESTABLISHED	127.0.0.1	4032

The process finished with exit code 0.

Os Tps foram feitos baseados no conteúdo do moodle.