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[alsahori@csdept ~]$ cd /home/alsahori/soccer/new_directory
[alsahori@csdept new_directory]$ g++ 30second.cpp
[alsahori@csdept new_directory]$ time ./a.out

real    0m13.718s
user    0m13.692s
sys     0m0.003s
[alsahori@csdept new_directory]$ time ./a.out &
[1] 1661870
[alsahori@csdept new_directory]$ ps
  PID TTY          TIME CMD
1661779 pts/1    00:00:00 bash
1661870 pts/1    00:00:00 bash
1661871 pts/1    00:00:02 a.out
1661876 pts/1    00:00:00 ps
[alsahori@csdept new_directory]$
[alsahori@csdept new_directory]$
real    0m13.356s
user    0m13.334s
sys     0m0.002s

[1]+  Done                  time ./a.out
[alsahori@csdept new_directory]$ bash script.sh
30second Program  Running

real    0m13.952s
user    0m13.927s
sys     0m0.001s

75second Program Running

real    0m33.169s
user    0m33.117s
sys     0m0.002s

120second Program Running

real    0m51.752s
user    0m51.664s
sys     0m0.001s
[alsahori@csdept new_directory]$ █

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```
[alsahori@csdept new_directory]$ g++ 75second.cpp
[alsahori@csdept new_directory]$ time ./a.out
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^[[A
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```
real    0m34.083s
user    0m34.029s
sys     0m0.001s
```

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[alsahori@csdept new_directory]$
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```
[alsahori@csdept new_directory]$ time ./a.out &
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```
[1] 1662046
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```
[alsahori@csdept new_directory]$ ps
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	PID	TTY	TIME	CMD
	1661779	pts/1	00:00:00	bash
	1662046	pts/1	00:00:00	bash
	1662047	pts/1	00:00:04	a.out
	1662048	pts/1	00:00:00	ps

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[alsahori@csdept new_directory]$
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[alsahori@csdept new_directory]$
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[alsahori@csdept new_directory]$
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```
real    0m33.238s
user    0m33.187s
sys     0m0.002s
```

```
[1]+  Done                               time ./a.out
```

```
[alsahori@csdept new_directory]$ bash script.sh
```

```
30second Program Running
```

```
real    0m13.389s
user    0m13.367s
sys     0m0.001s
```

```
75second Program Running
```

```
real    0m35.141s
user    0m35.090s
sys     0m0.001s
```

```
120second Program Running
```

```
real    0m52.170s
user    0m52.094s
sys     0m0.002s
```

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[alsahori@csdept new_directory]$
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```
[alsahori@csdept new_directory]$ g++ 120second.cpp
[alsahori@csdept new_directory]$ time ./a.out
-bash: time ./a.out: No such file or directory
[alsahori@csdept new_directory]$ time ./a.out
```

```
real    0m53.249s
user    0m53.174s
sys     0m0.001s
```

```
[alsahori@csdept new_directory]$
[alsahori@csdept new_directory]$ time ./a.out &
[1] 1662363
```

```
[alsahori@csdept new_directory]$ ps
```

	PID	TTY	TIME	CMD
	1661779	pts/1	00:00:00	bash
	1662363	pts/1	00:00:00	bash
	1662364	pts/1	00:00:04	a.out
	1662365	pts/1	00:00:00	ps

```
[alsahori@csdept new_directory]$
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```
[alsahori@csdept new_directory]$
```

```
real    0m52.252s
user    0m52.168s
sys     0m0.004s
```

```
[1]+  Done                               time ./a.out
```

```
[alsahori@csdept new_directory]$ bash script.sh
30second Program Running
```

```
real    0m13.167s
user    0m13.145s
sys     0m0.002s
```

```
75second Program Running
```

```
real    0m32.412s
user    0m32.352s
sys     0m0.001s
```

```
120second Program Running
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```
real    0m52.376s
user    0m52.300s
sys     0m0.001s
```

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[alsahori@csdept new_directory]$ █
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