NAMA   : DITA MARISA OKTARIANO

NIM   : 09011381722113

KELAS : SK4A

MK   : KOMUNKASI DATA

TUGAS : Melakukan *tracert* di Beberapa Web dengan Cara yang Berbeda

1. Menggunakan WIFI @UNSRI-TRIAL
   a) Website dalam negeri unsri.ac.id

   b) Website luar negeri bbc.co.uk

2. Menggunakan HOTSPOT pribadi
   a) Website dalam negeri unsri.ac.id


```
C:\Windows\system32\cmd.exe

C:\Users\padhli.padhli-PC>tracert  unsri.ac.id

Tracing route to unsri.ac.id [103.241.4.11]
over a maximum of 30 hops:

  1     1 ms     1 ms     1 ms  192.168.43.1
  2     *        *        *     Request timed out.
  3  1291 ms    91 ms   210 ms  192.168.104.20
  4    71 ms   100 ms    42 ms  192.168.97.69
  5   101 ms    71 ms    79 ms  114.125.0.42
  6    89 ms    97 ms    67 ms  114.125.32.38
  7    88 ms    68 ms   100 ms  114.120.194.78
  8   205 ms   151 ms    94 ms  61.94.4.117
  9   790 ms   541 ms   729 ms  118.98.51.110
 10  1433 ms   571 ms   506 ms  118.98.51.109
 11     *        *        *     Request timed out.
 12     *        *     1710 ms  103.23.183.110
 13     *        *        *     Request timed out.
 14  3075 ms     *        *     103.241.4.11
 15     *      106 ms   166 ms  103.241.4.11

Trace complete.

C:\Users\padhli.padhli-PC>
C:\Users\padhli.padhli-PC>
```

   b) Website luar negeri bbc.co.uk


```
C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation.  All rights reserved.

C:\Users\padhli.padhli-PC>tracert bbc.co.uk

Tracing route to bbc.co.uk [151.101.128.81]
over a maximum of 30 hops:

  1     1 ms     1 ms     1 ms  192.168.43.1
  2     *        *        *     Request timed out.
  3   102 ms   361 ms   122 ms  192.168.104.14
  4  2029 ms   643 ms   165 ms  192.168.97.68
  5     *      2527 ms   161 ms  118.98.84.117
  6  2407 ms  2341 ms   641 ms  100.240.191.46
  7    77 ms   111 ms    99 ms  100.240.191.45
  8   317 ms   161 ms    85 ms  100.240.204.128
  9   384 ms   388 ms   190 ms  199.27.73.172
 10   647 ms   132 ms   102 ms  151.101.128.81

Trace complete.

C:\Users\padhli.padhli-PC>
```
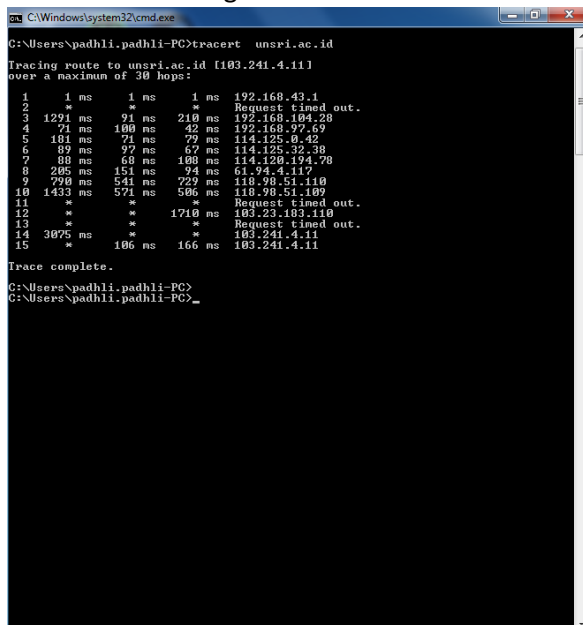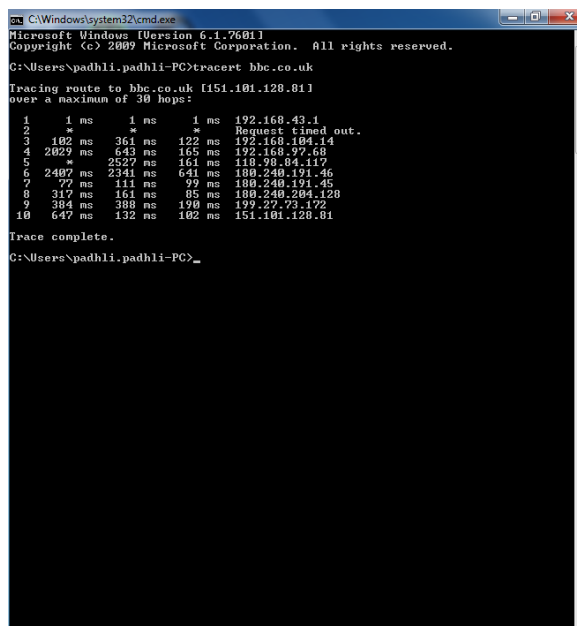
Kesimpulan :

Perbandingangannya terdapat pada hops. Hops adalah penghubung antara satu route ke route yang lain. Semakin banyak hops maka semakin banyak lag. Semakin sedikit hops maka semakin sedikit lag