

# Ready, Steady, Ping!

## Goal

Let's have a speed contest between websites around the world, and see who wins! In this exercise we will get to know the cmd tool **ping** and interact with real websites from around the world.

## Background

**ping** is a tool we use to check the network connectivity and speed between me and another device. It sends 4 packets to a remote computer and waits for its response.

Example of a ping command:

```
> ping google.com
```

```
Pinging google.com [142.251.10.101] with 32 bytes of data:
```

```
Reply from 142.251.10.101: bytes=32 time=3ms TTL=60
```

```
Reply from 142.251.10.101: bytes=32 time=5ms TTL=60
```

```
Reply from 142.251.10.101: bytes=32 time=4ms TTL=60
```

```
Reply from 142.251.10.101: bytes=32 time=4ms TTL=60
```

```
Ping statistics for 142.251.10.101:
```

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

```
Approximate round trip times in milli-seconds:
```

```
    Minimum = 3ms, Maximum = 5ms, Average = 4ms
```

## Instructions

1. Try to **ping** yourself (either with your own personal IP or loopback). Was it fast? Write the command for pinging yourself and the time it took.

2. Try to **ping** these 6 websites, and see who's has the fastest average speed:

1. `oscars.org`
2. `lazada.sg`
3. `disney.com`
4. `dbs.com.sg`
5. `qoo10.sg`
6. `beyonce.com`

- Rank the websites from fastest (1) to slowest (6), and write the speed of each in your document.
- Can you see something in common between the top websites?

Hint: You can issue the command `ipconfig` on your system to find out your own personal IP

## To submit

Submit your answers in a text file and upload it.

