Ping Module

This is the main module for Ping portion of homework

my_ping.**form_args**(*args, start_time*)

   Forms packet for ping program by using raw sockets

Parameters:	• **args** (*ArgumentParser*) – ArgumentParser object with parsed arguments
	• **start_time** (*float*) – Time object meant to represent start of ping process
Returns:	sr_args, kwargs for srloop() in main function
Return type:	Dictionary

my_ping.**form_pkt**(*args*)

   Forms packet for ping program by using raw sockets

Parameters:	**args** (*ArgumentParser*) – ArgumentParser object with parsed arguments
Returns:	pkt, a crafted packet using scapy raw sockets
Return type:	scapy.layers.inet.IP / scapy.layers.inet.ICMP / scapy.packet.Padding

my_ping.**setup_parser**()

   Sets up the argument parser for the ping program

Returns:	parser, an initialized ArgumentParser object
Return type:	ArgumentParser