File Reliable Data Transfer Module

This is the main module for part 2 portion of Homework 3

file_transfer_rdt.**make_packets**(*file_name*, *chunk_size*)

    Forms packets from file by splitting file into chunks

Parameters:	• **file_name** (*String*) – String containing name of file to send • **chunk_size** (*int*) – number of characters to fit in a chunk from file
Returns:	pkts, array of character chunks from file
Return type:	Array

file_transfer_rdt.**receive_file**(*file_name*, *ip*, *port*)

    Gets packets from sender and puts together packets to form a file

Parameters:	• **file_name** (*String*) – String containing name of file to receive • **ip** (*string*) – ip address to receive file from • **port** (*int*) – port number to receive file from

file_transfer_rdt.**send_file**(*file_name*, *ip*, *port*)

    Forms packets from file by splitting file into chunks

Parameters:	• **file_name** (*String*) – String containing name of file to send • **ip** (*string*) – ip address to send file to • **port** (*int*) – port number to send file to

file_transfer_rdt.**write_file**(*file_name*, *pkts*)

    joins packets from sender and writes to file

Parameters:	• **file_name** (*String*) – String containing name of file to write to • **pkts** (*Array*) – array of character chunks from file