

Results

Packet Size: 1200 bits

- Ideal Environment(No error/Packet loss):
 - ◆ Stop and Wait ARQ: 4.20s
 - ◆ Go Back N ARQ: 3.58s
 - ◆ Selective Repeat ARQ: 3.51s
- Error-Injection/Packet loss possible environment:
 - ◆ Stop and Wait ARQ: 13.86s
 - ◆ Go Back N ARQ: 8.96s
 - ◆ Selective Repeat ARQ: 6.54s

The value of packet loss probability and error loss probability were both kept at 10%. All the protocols are simulated for 100 packets and average time is taken.

Selective Repeat ARQ does better than Go Back N ARQ and both of them do significantly better than Stop And Wait ARQ.