Gutierrez, Raphael E.

BSIT 2-2

1. **FCFS**

THM = (160-94)+(1455-94)+(1455-915)+(1787-915)+(1787-955)+(1505-955)+(1505-1030)+(1753-1030)+(1905-1753)

THM = 66+1361+540+872+832+550+475+723+152

THM = 5571

**SSTF**

THM = (160-94)+(915-94)+(955-915)+(1030-955)+(1455-1030)+(1505-1455)+(1753-1505)+(1787-1753)+(1905-1787)

THM = 66+821+40+75+425+50+248+34+118

THM = 1877

**SCAN**

THM = (915-160)+(955-915)+(1030-955)+(1455-1030)+(1505-1455)+(1753-1505)+(1787-1753)+(1905-1787)+(4999-1905)+(4999-94)

THM = 755+40+75+425+50+248+34+118+3094+4905

THM = 9744

**C-SCAN**

THM = (915-160)+(955-915)+(1030-955)+(1455-1030)+(1505-1455)+(1753-1505)+(1787-1753)+(1905-1787)+(4999-1905)+(94-0)+α

THM = 755+40+75+425+50+248+34+118+3094+94+α

THM = 4933 + α

**LOOK**

THM = (915-160)+(955-915)+(1030-955)+(1455-1030)+(1505-1455)+(1753-1505)+(1787-1753)+(1905-1787)+(1905-94)

THM = 755+40+75+425+50+248+34+118+1811

THM = 3556

**C-LOOK**

THM = (915-160)+(955-915)+(1030-955)+(1455-1030)+(1505-1455)+(1753-1505)+(1787-1753)+(1905-1787)+α

THM = 755+40+75+425+50+248+34+118+α

THM = 1745 + α

1. **FCFS**

THM = (133-90)+(160-90)+(160-97)+(190-97)+(190-98)+(153-98)+(153-110)+(180-110)+(180-140)

THM = 43+70+63+93+92+55+43+70+40

THM = 569

Seek Time = 3414

**SSTF**

THM = (140-133)+(153-140)+(160-153)+(180-160)+(190-180)+(190-110)+(110-98)+(98-97)+(97-90)

THM = 7+13+7+20+10+80+12+1+7

THM = 157

Seek Time = 942

**SCAN**

THM = (140-133)+(153-140)+(160-153)+(180-160)+(190-180)+(199-190)+(199-110)+(110-98)+(98-97)+(97-90)

THM = 7+13+7+20+10+9+89+12+1+7

THM = 175

Seek Time = 1050

**C-SCAN**

THM = (140-133)+(153-140)+(160-153)+(180-160)+(190-180)+(199-190)+α+(90-0)+(97-90)+(98-97)+(110-98)

THM = 7+13+7+20+10+9+90+7+1+12+α

THM = 176 + α

Seek Time = 1056

**LOOK**

THM = (140-133)+(153-140)+(160-153)+(180-160)+(190-180)+(190-110)+(110-98)+(98-97)+(97-90)

THM = 7+13+7+20+10+80+12+1+7

THM = 157

Seek Time = 942

**C-LOOK**

THM = (140-133)+(153-140)+(160-153)+(180-160)+(190-180)+α+(97-90)+(98-97)+(110-98)

THM = 7+13+7+20+10+7+1+12+α

THM = 77 + α

Seek Time = 462