

EVOLUTION OF OPERATIONG SYSTEM

Name: Mehak chib
section : 2cse21
roll no : 2410030567



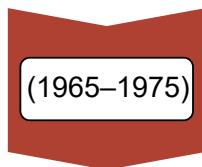
(1940–1955)

No Operating System
• Manual setup • Single user • One job at a time



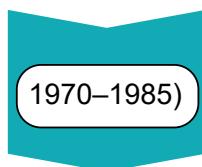
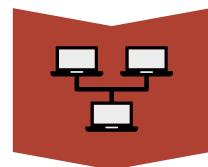
(1955–1965)

Batch Operating System
• Jobs in batches
• No interaction
• Punch cards used



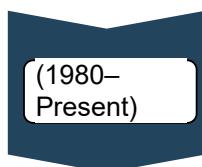
(1965–1975)

Multiprogramming OS
• Multiple jobs in memory
• CPU idle time reduced
• Better efficiency



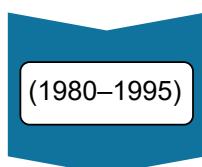
1970–1985)

Time Sharing OS
• Many users
• Time slices
• Fast response



(1980–
Present)

Real-Time OS
• Deadline based
• Immediate response
• Used in control systems



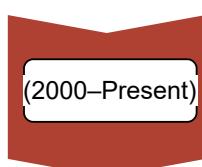
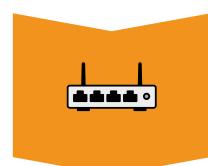
(1980–1995)

Distributed OS
• Multiple computers
• Resource sharing
• Load balancing



(1985–2000)

Network OS
• Network based
• File & printer sharing
• Client–Server model



(2000–Present)

Modern / Mobile OS
• GUI based
• Touch support
• Secure & multitasking

