alankrit solanki
2cse21
iilm greater noida
university

1940s-1950s: Early Beginnings
- Computers operated without operating systems (OS).
  Programs were manually loaded and run, one at a time

1960s: Multiprogramming and Timesharing
- Introduction of multiprogramming to utilize CPU efficiently.

1970s: Unix and Personal Computers
- Unix (1971) revolutionized OS design with simplicity, portability, and multitasking.

1980s: GUI and Networking
- Graphical User Interfaces (GUIs) gained popularity with systems like Apple Macintosh (1984) and Microsoft Windows (1985).

1990s: Linux and Advanced GUIs
- Linux (1991) introduced open-source development.

Heading
- **2000s-Present: Mobility and Cloud**
  - Mobile OSs like iOS (2007) and Android (2008) dominate.

8. AI Integration – (2010s to ongoing) With the growth of time, Artificial intelligence came into picture

AI-Assisted Operating Systems (2020s–Present)

Resource management

Security monitoring
Performance optimization