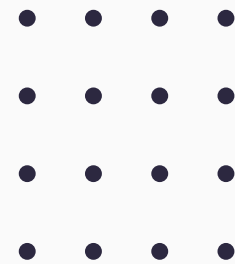
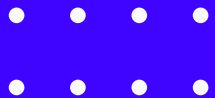


# Salas de bate- papo virtual: Sockets TCP e System call select()



- 1 – Sockets TCP/IP**
- 2 – System call select()**
- 3 – Como funciona?**
- 4 – Exemplo de uso**
- 5 – Conclusão**



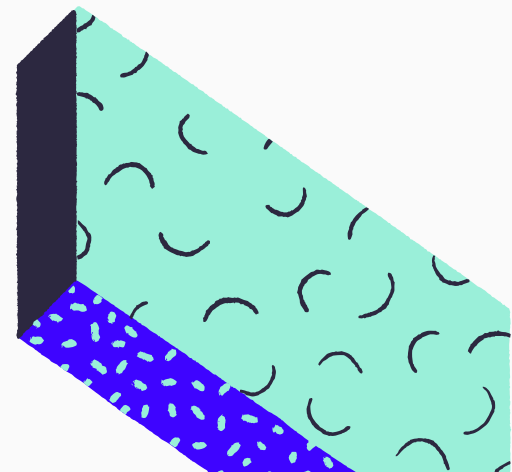
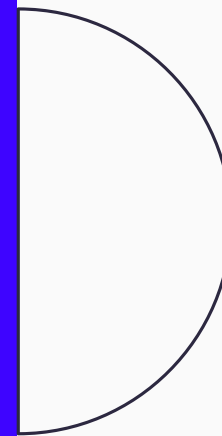
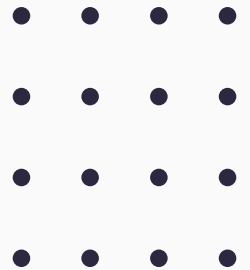


# Sockets TCP/IP

- **Protocolo TCP/IP**
  - **Orientado a conexão**
- **Modelo cliente-servidor**
- **API de sockets:**
  - `socket()`, `bind()`, `connect()`,  
`listen()`, `accept()`, `send()`, `recv()`

# System call Select()

- **Orientada a eventos**
- **Monitoramento de múltiplos descritores de arquivo**
- **FD\_SET(), FD\_ISSET() e FD\_ZERO()**

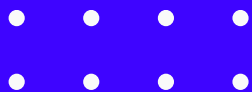


# COMO FUNCIONA?

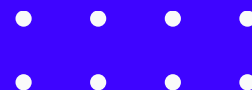


## SERVIÇO DE CHAT COM SOCKETS E SELECT()

- **Servidor**
  - **Gerência de diálogo**
- **Select(): Nova conexão ou nova mensagem?**
- **Diferentes salas de chat**



# EXEMPLO DE USO



**Obrigado  
pela  
atenção!**

