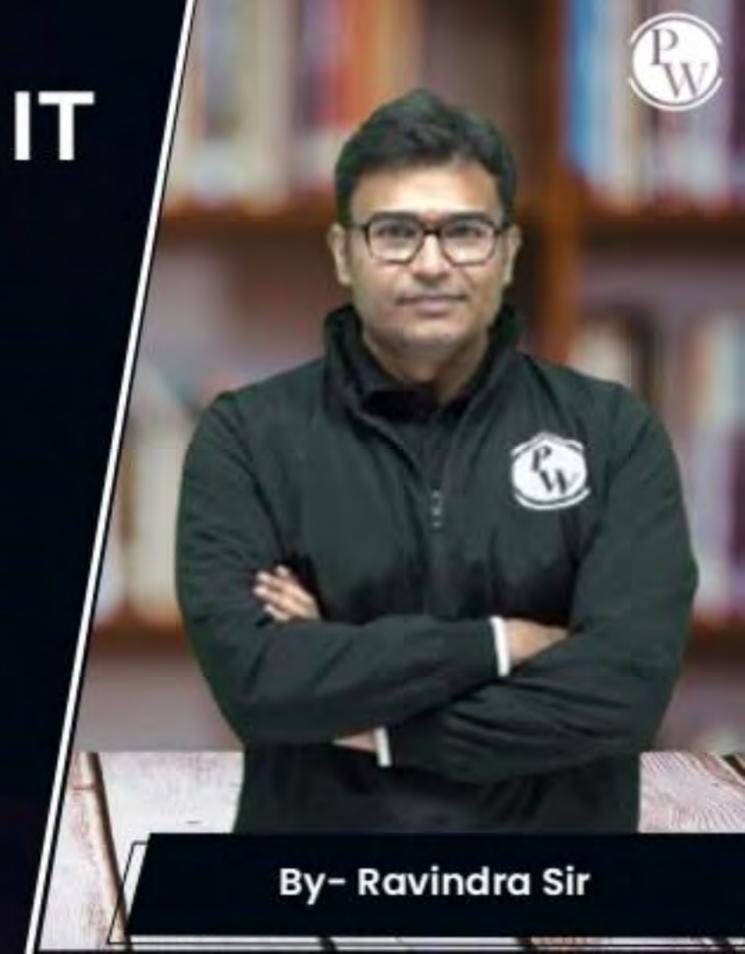
Computer Science & IT

COMPUTER NETWORKS
(CN)

IP address Subnetting Supernetting

Lecture No. 5





Recap of Previous Lecture





Topics to be Covered





Kapil Dev (b. 1959) captained India to its first Cricket
World Cup victory in 1983, redefining Indian
cricket. An all-rounder known for fast bowling and
aggressive batting, he retired as the highest
wicket-taker in Test cricket at the time. After retirement,
Dev founded cricket academies and advocates
youth development in sports.

Lesson: Leading by example and balancing versatility with passion can achieve historic breakthroughs.



Major Dhyan Chand (1905–1979) is celebrated as India's greatest field hockey player, winning Olympic gold medals in 1928, 1932, and 1936. His exceptional ball control earned him the nickname 'The Wizard.' Training with makeshift equipment in Uttar Pradesh, he scored over 400 international goals. Chand's sportsmanship and mastery inspired generations, making him a symbol of excellence in Indian athletics.

Lesson: Mastery through practice and ingenuity can create legends that uplift national pride.



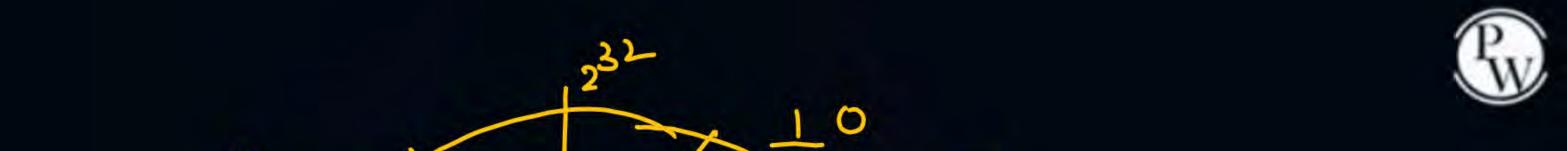
K. V. Kamath (b. 1947) was the founding chairman of ICICI Bank and later chaired Infosys. A graduate of IIT Bombay, he pioneered infrastructure financing in India and championed financial inclusion. Kamath's focus on governance, risk management, and digital transformation propelled his institutions to global leadership. As chair of the New Development Bank, he continues to support development financing for emerging economies.

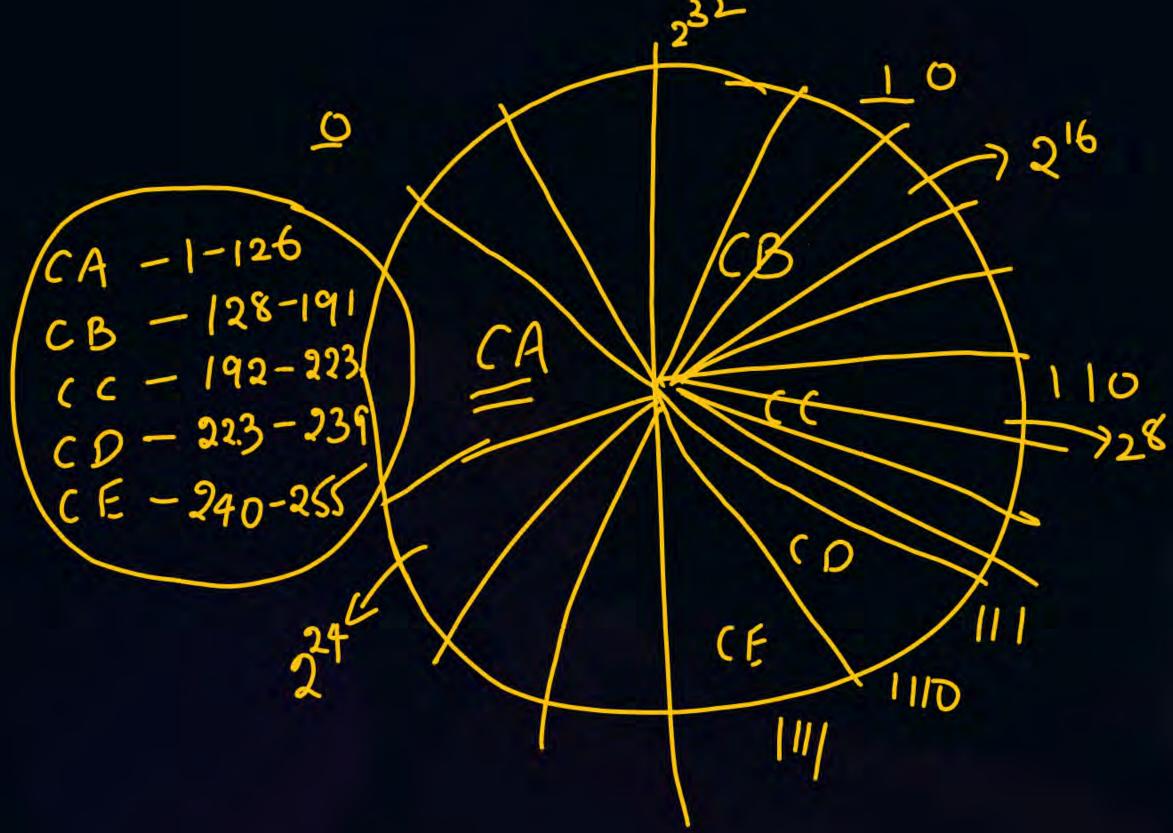
Lesson: Ethical leadership and inclusive finance can drive economic growth and social welfare.

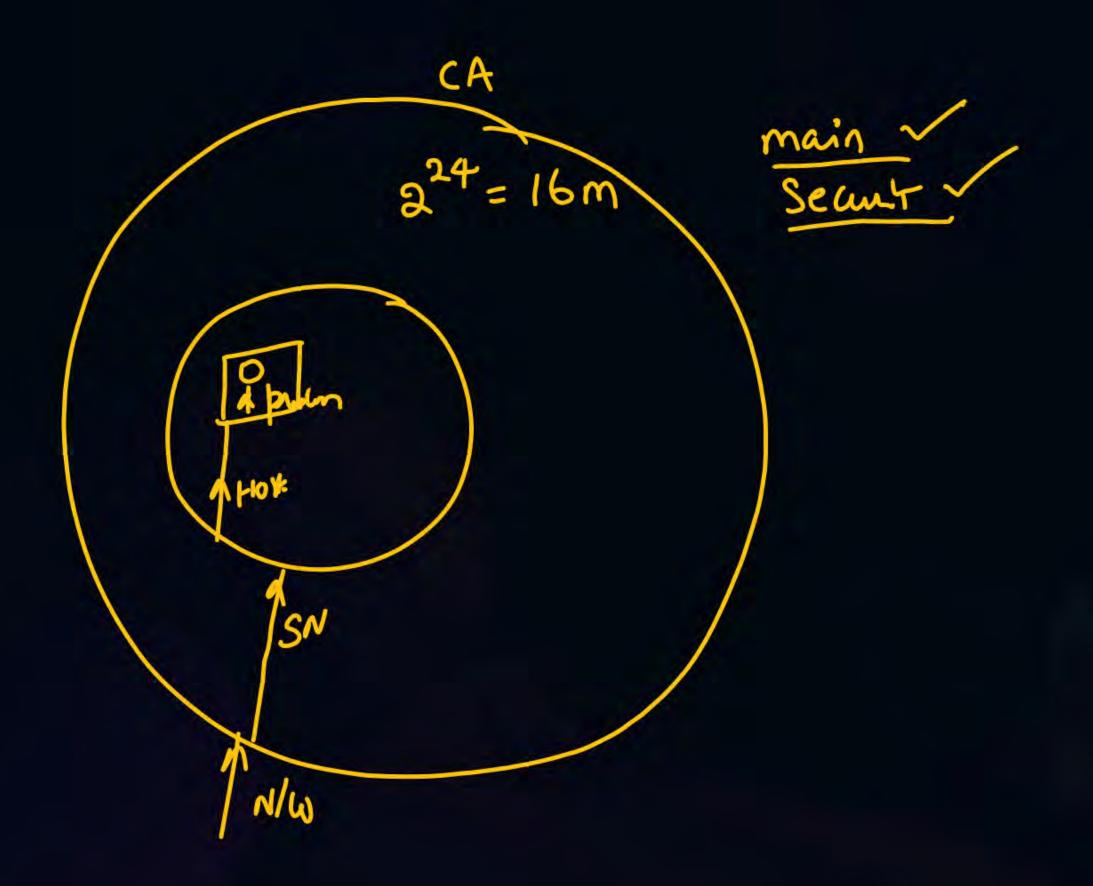


Dr. Ranjan Pai (b. 1972) leads Manipal Education and Medical Group, expanding it into a premier network of hospitals and educational institutions. After earning a Wharton MBA, he introduced digital health platforms and global academic partnerships. Through the Pai Foundation, he funds scholarships and rural healthcare initiatives. improving outcomes for marginalized communities. Pai's holistic vision integrates education, research, and compassionate care.

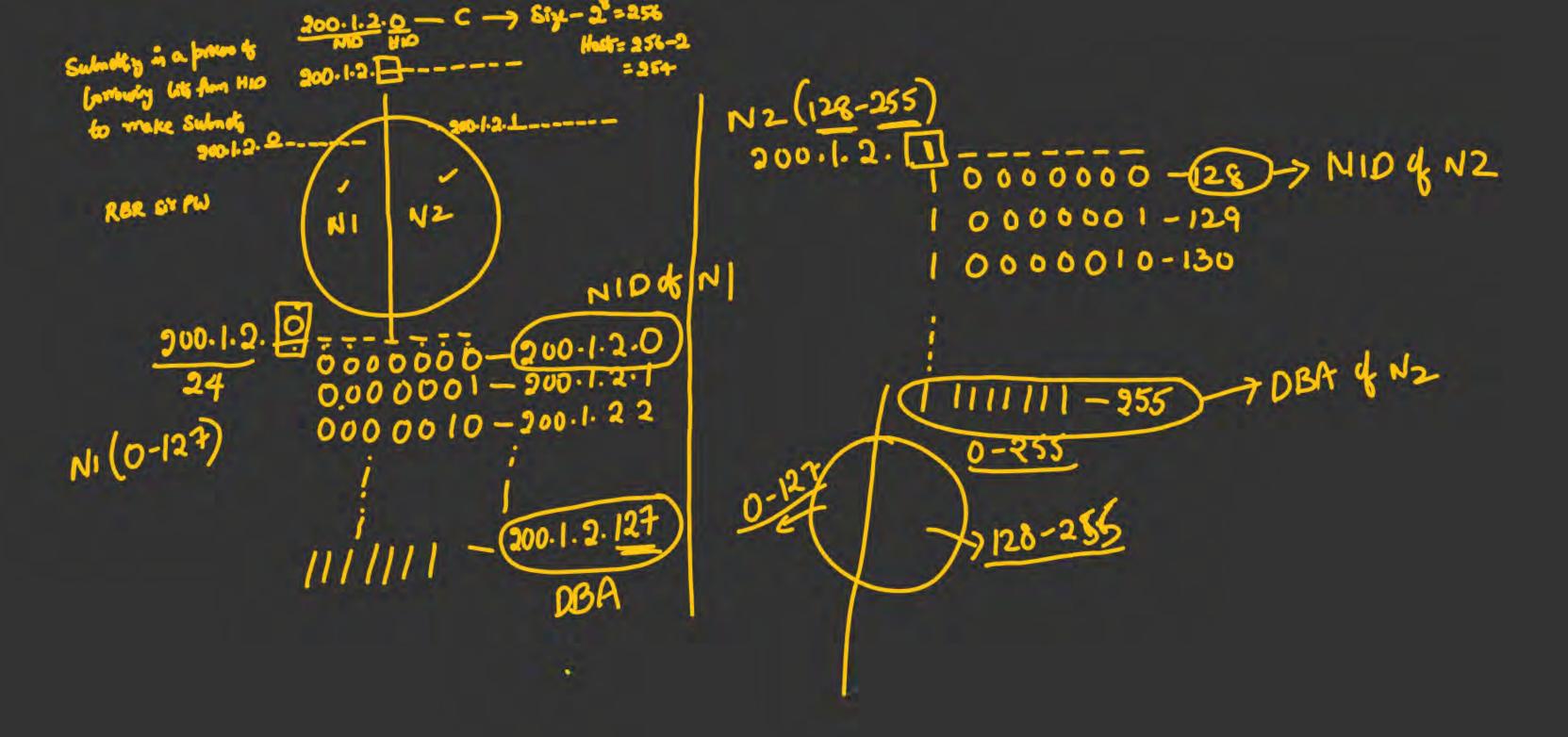
Lesson: Investing in human capital through education and health creates lasting societal impact.

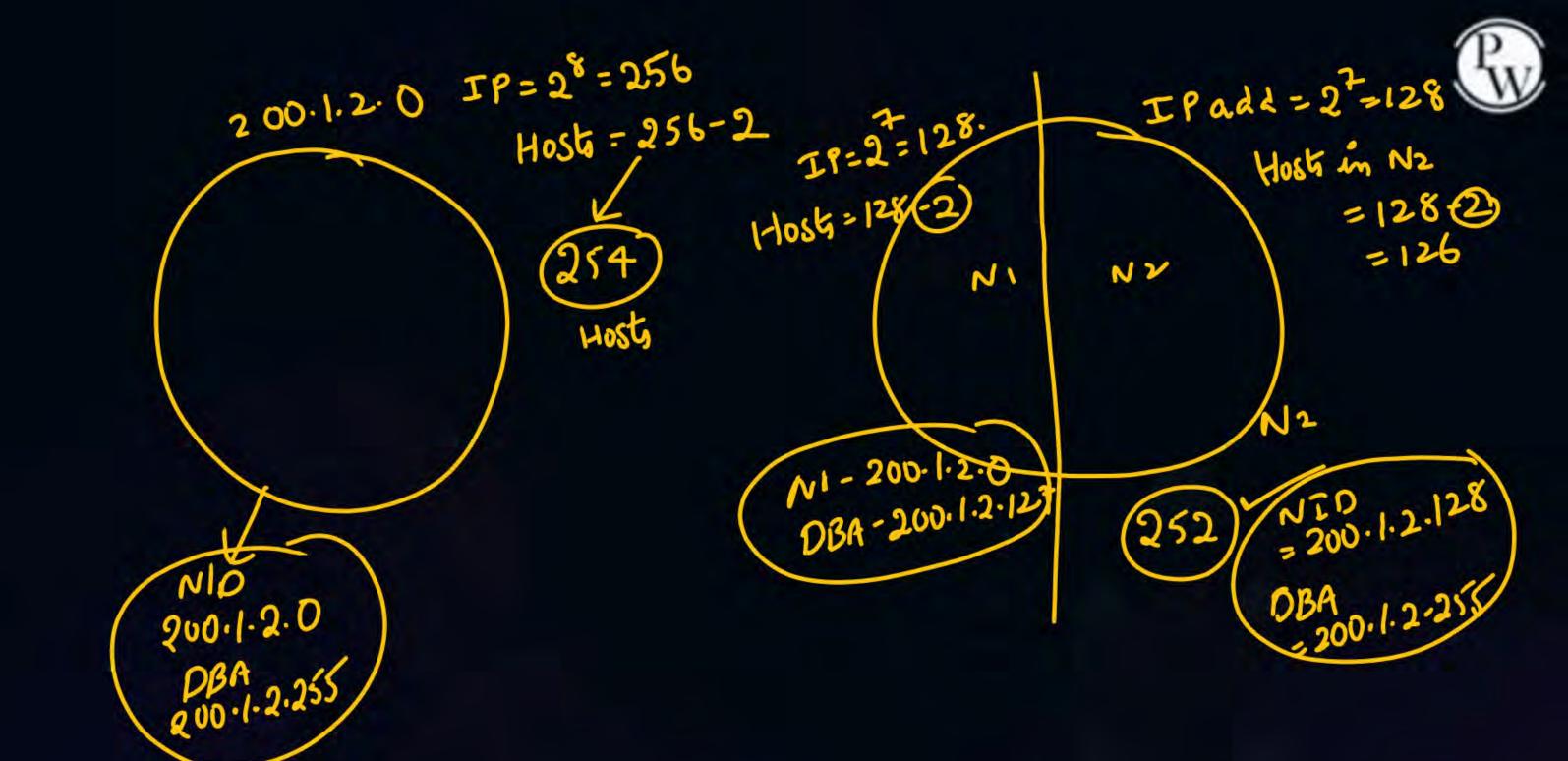


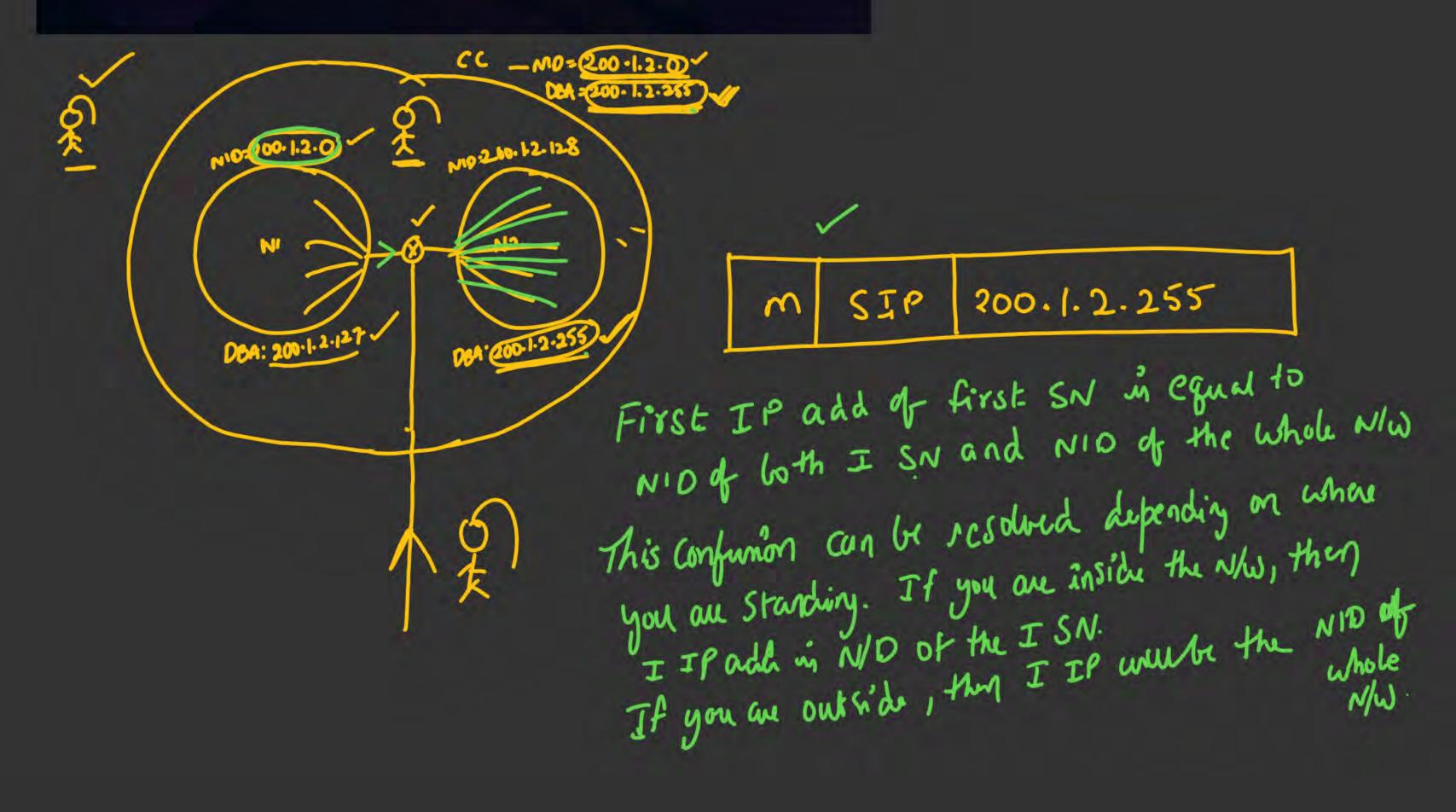


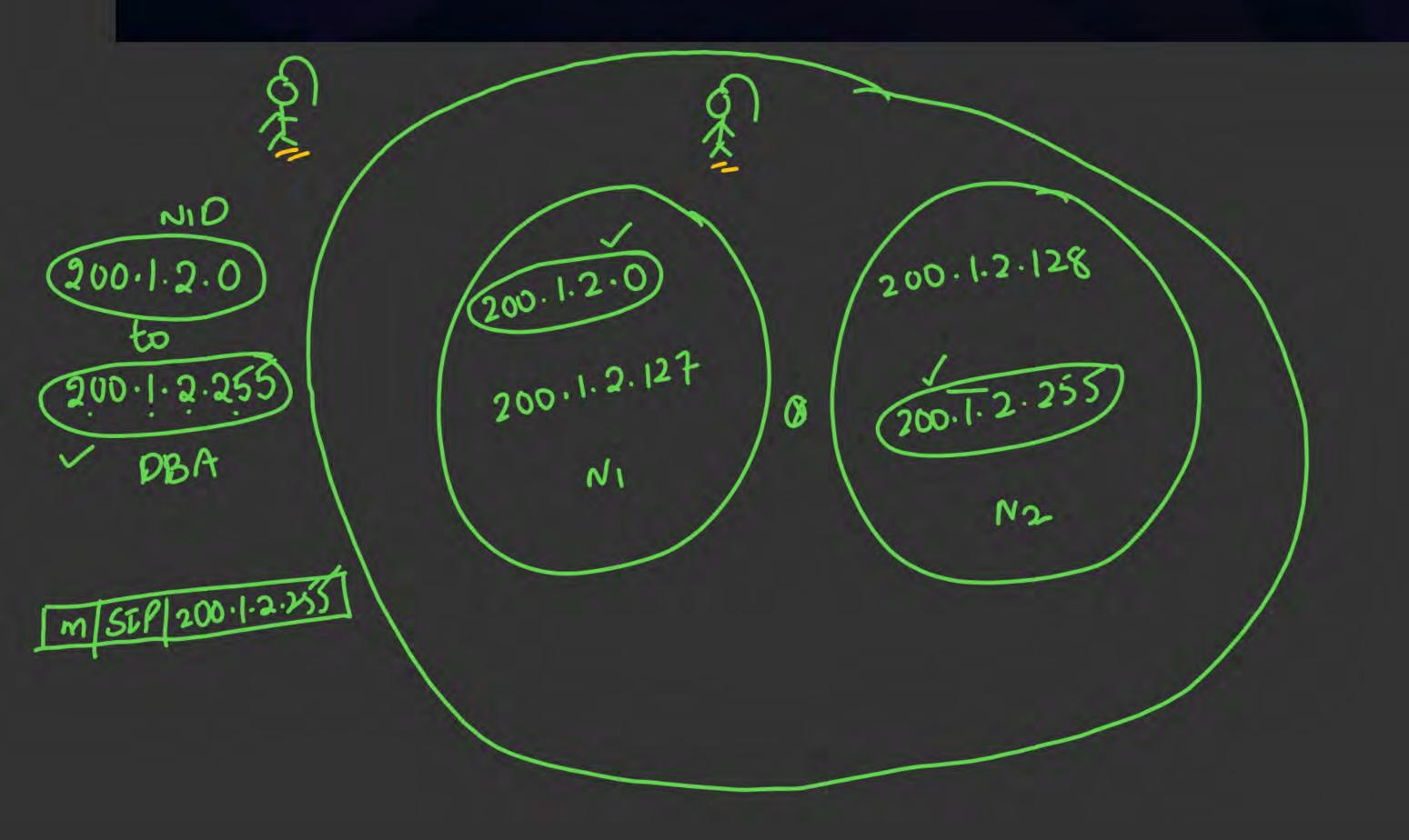


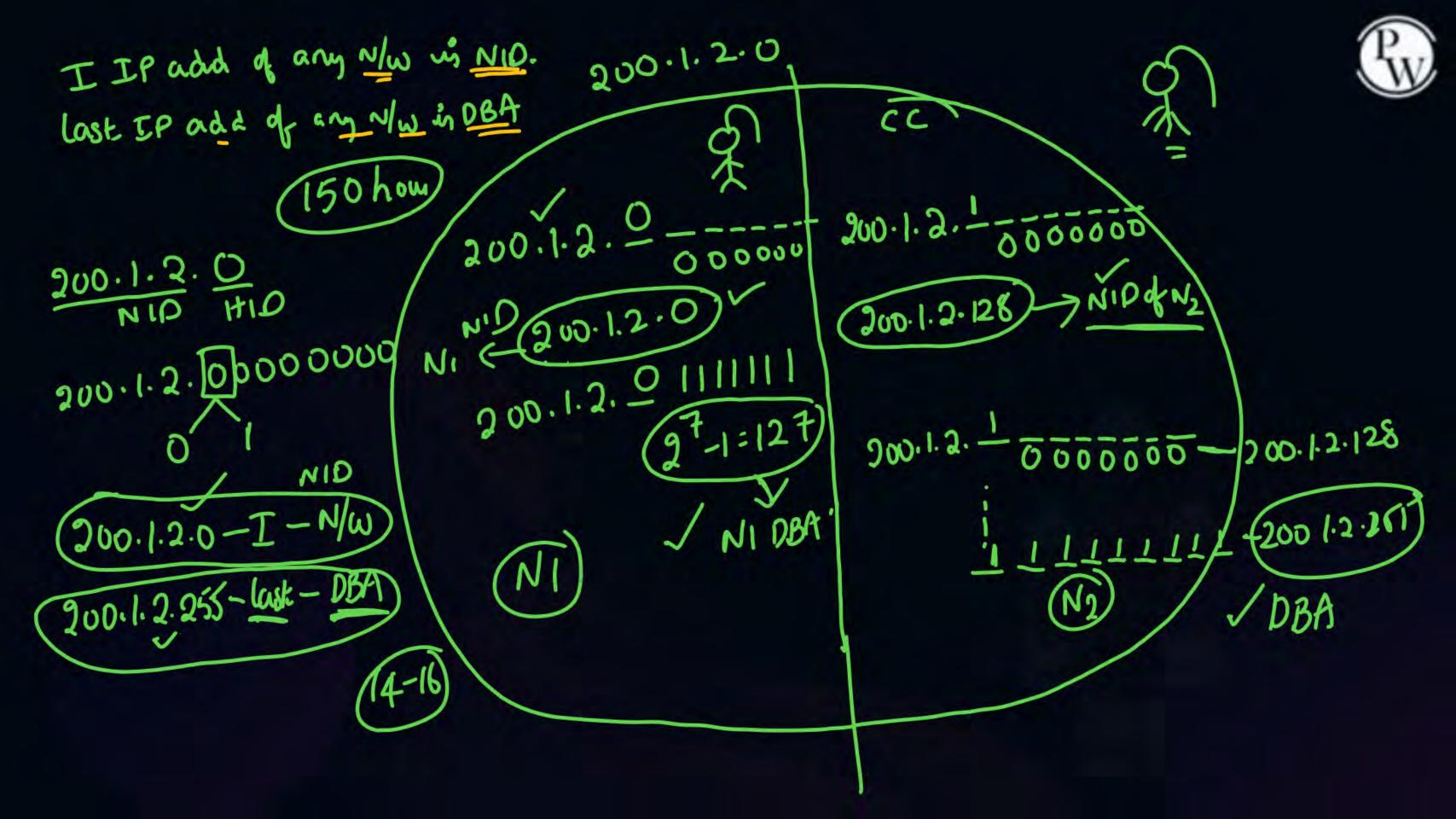


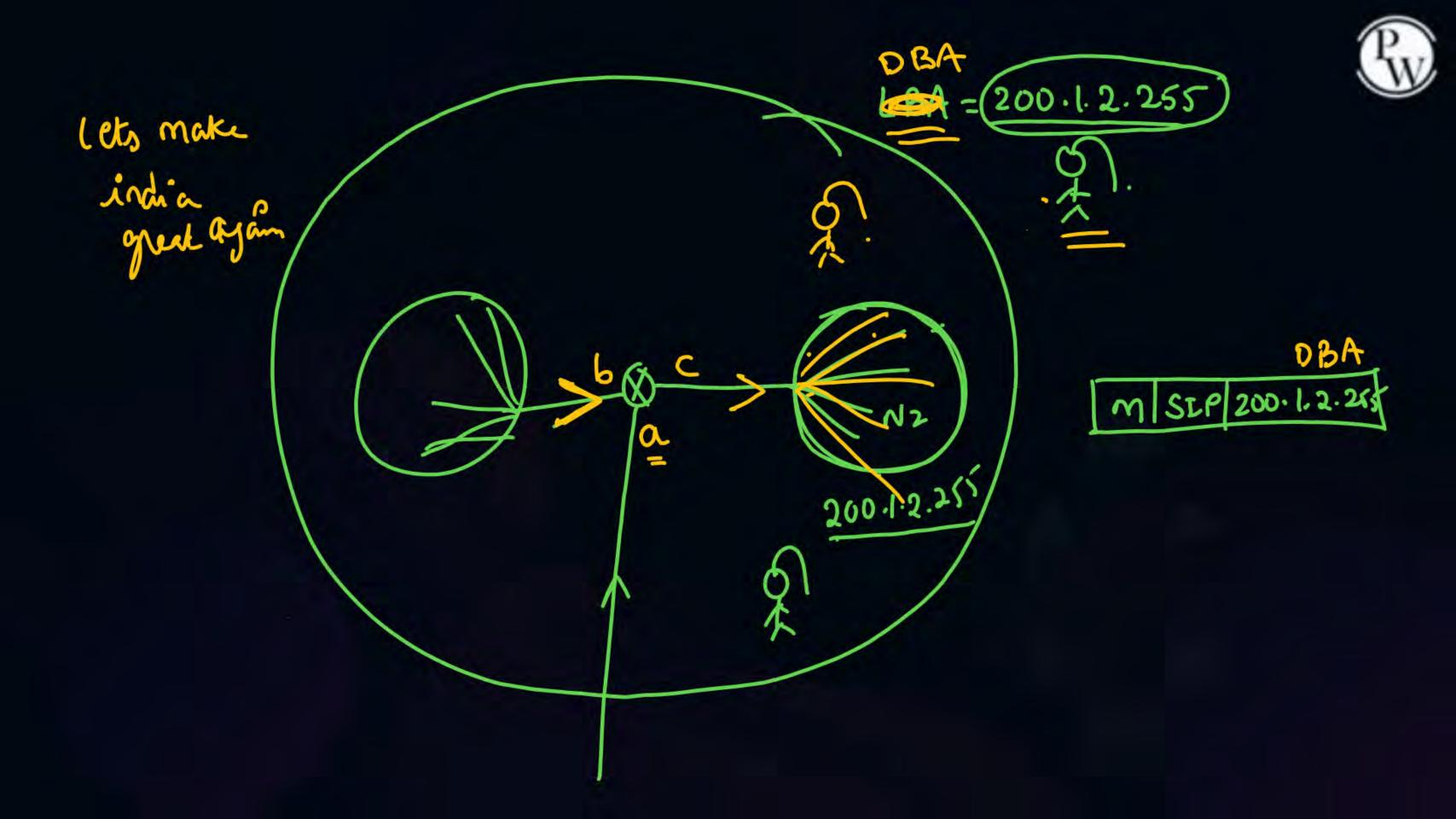


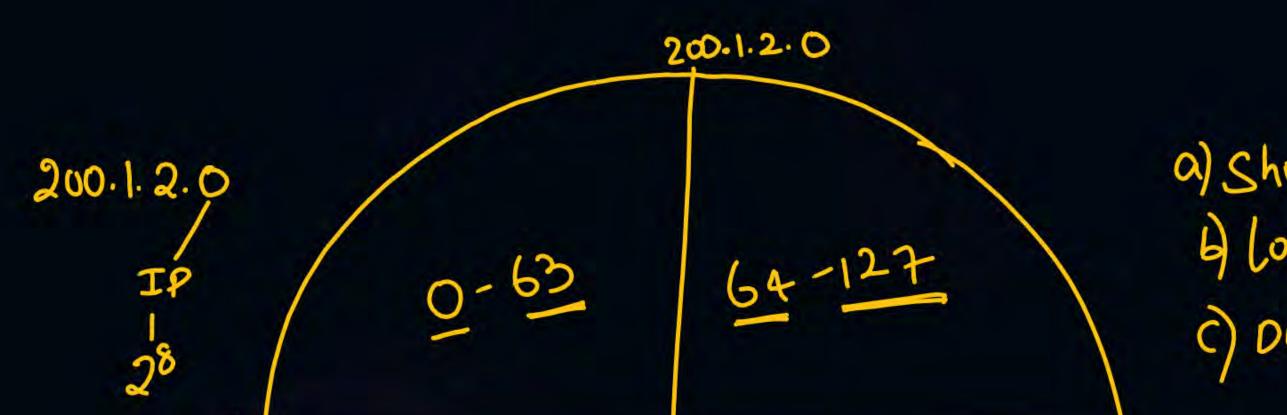






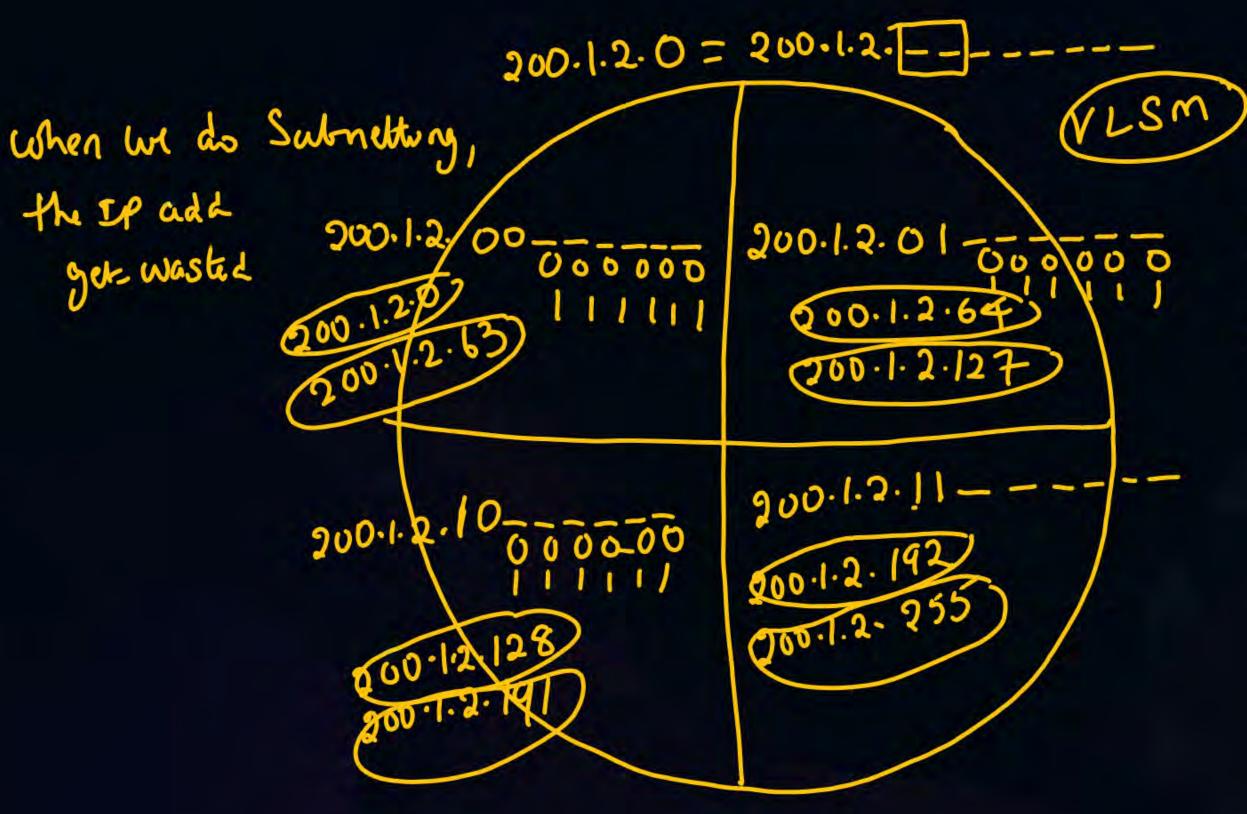








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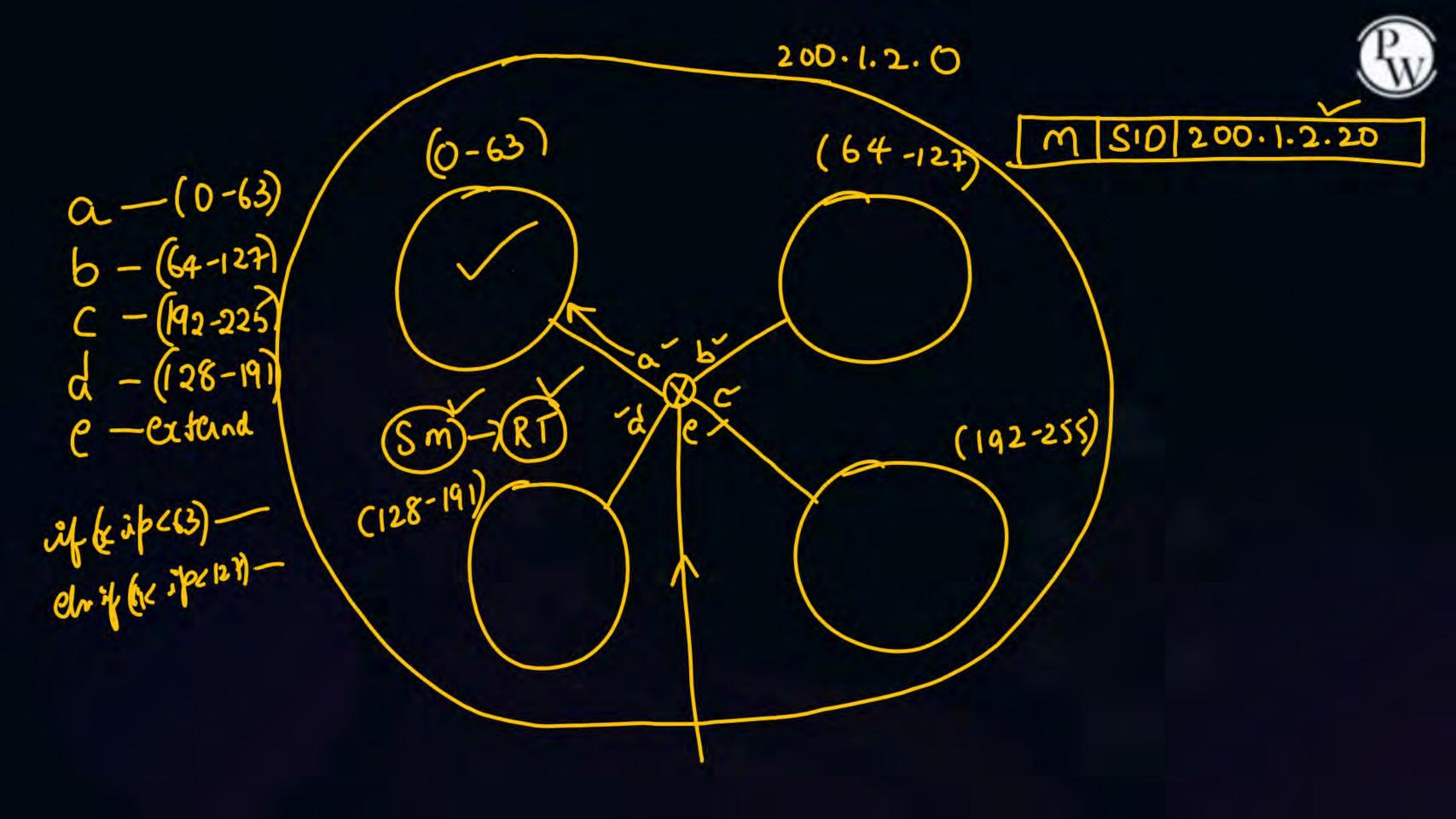
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$$\frac{256}{8} = \frac{28}{2^3} = \frac{32}{2^3} = \frac{32}{2^$$





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THANK - YOU