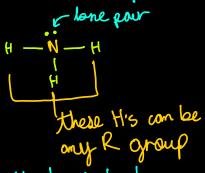
Amines



> Undergo hydrogen bonding

4 ways of making arrives.

0 = from Halvalkines (RX & NHzin ethanol) (Nucleophilic sub)

@> Reducing Nitriles (LiALH4 in Dry Ether or H2+Ni cotalyst) (Reduction)
RCN Heat RCH2NH2

3 (1) Example: forming arnine, increasing Coton by one storting from RX.

RCONH2 Heat RCH2 NH2

Making	Ohenyl	Lamine.
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> Reducing nitrobonzene (Sn + Conc HCl + Heat)

Amines as nucleophiles

A mines as boses

Bossicity of Amunes

Most Cook

Least Bosic

NH2

NH3

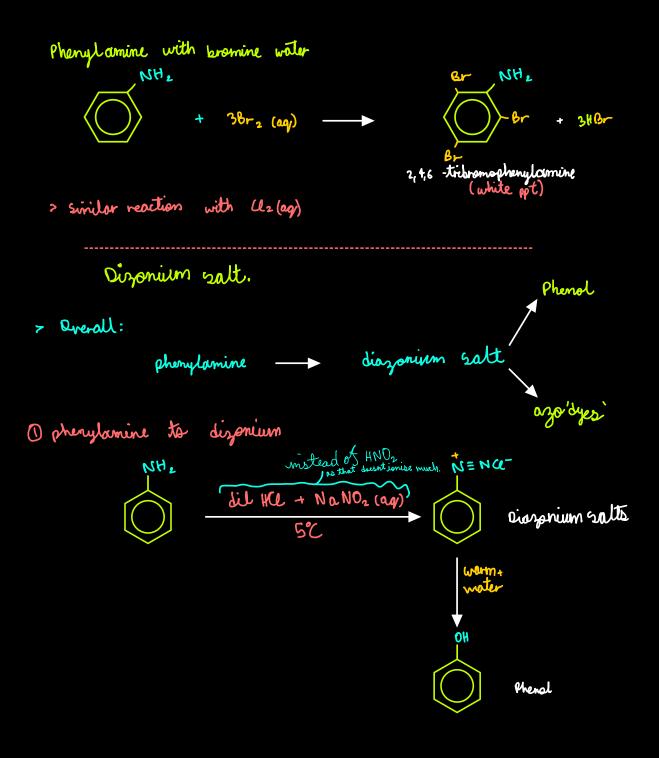
Electron Conating
or + ve IE

lone pair on cummonid
is easily lost as R
is electron Conating

home pair on ammonia is not casily host as Benzene is electron with drawing as the lone pair on Nis delcalised into the ing

Electron withdrawing

S, P, U,



1 Coupling reaction

Diazonium salts rention with chenol (5°C + phonol in albalinesal.)

- similar reaction takes place with foreg, the following

> res, there can be a substituent on the nitrogen ring.

· Hydrolysis of Amides

· Reduction of smides