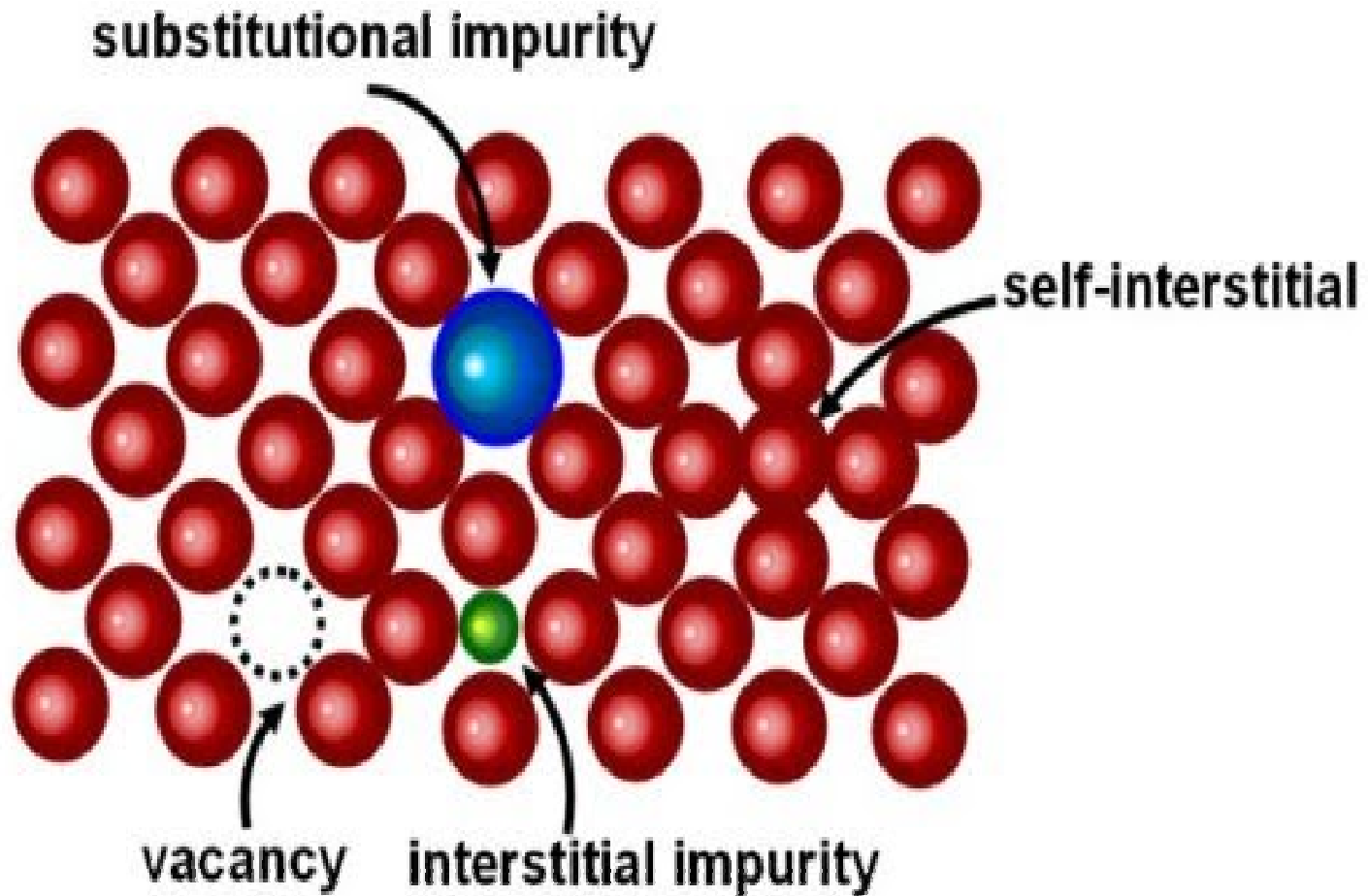


Imperfections in Solids

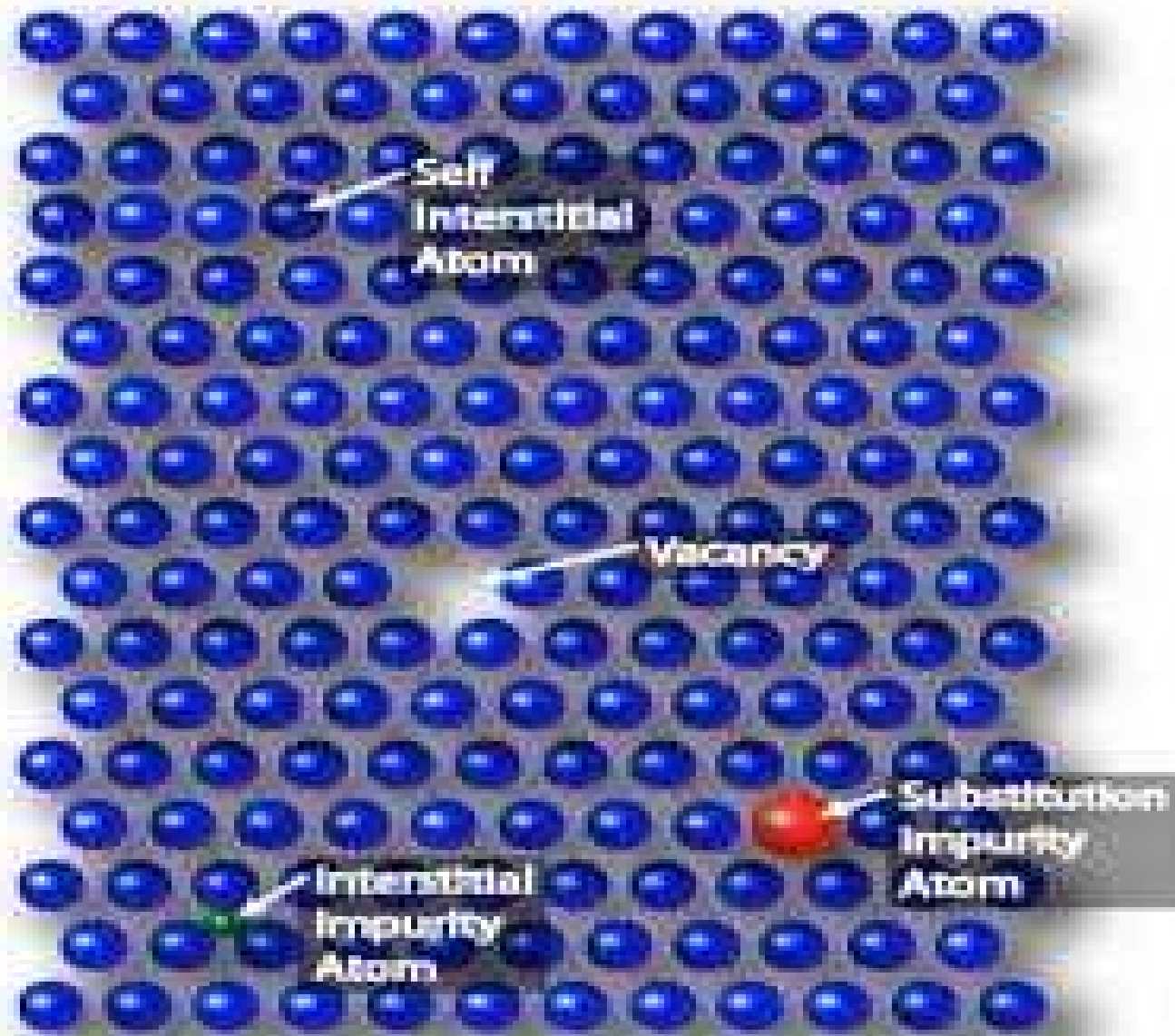
BY

Engr Ms Tayyaba Bano

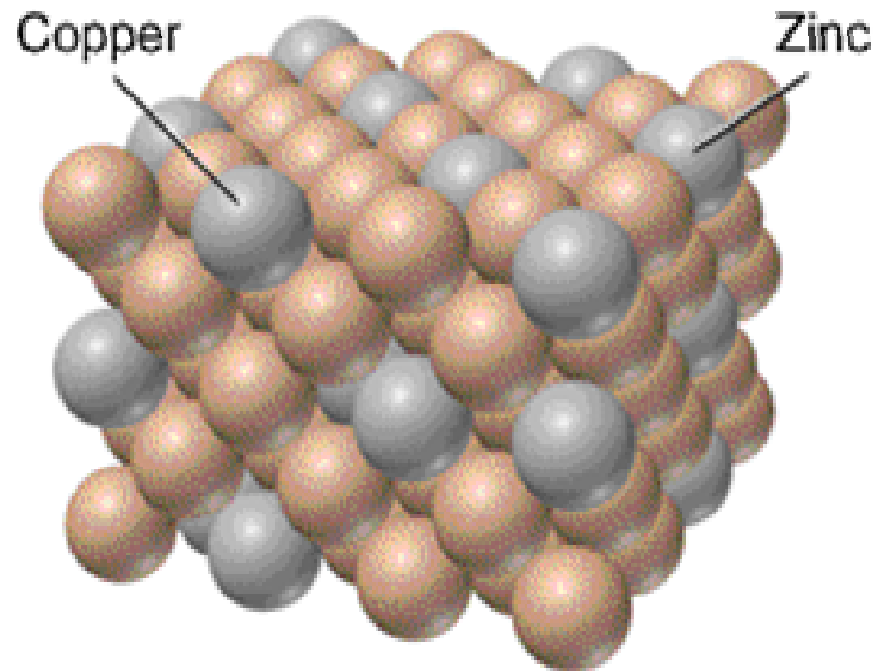
1. Point defects



vacancy interstitial impurity



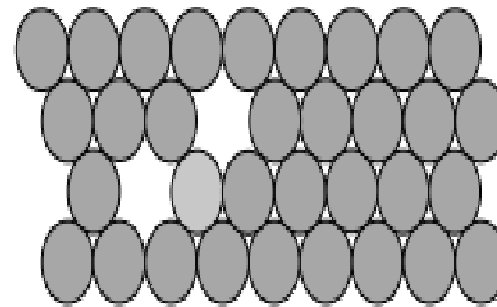
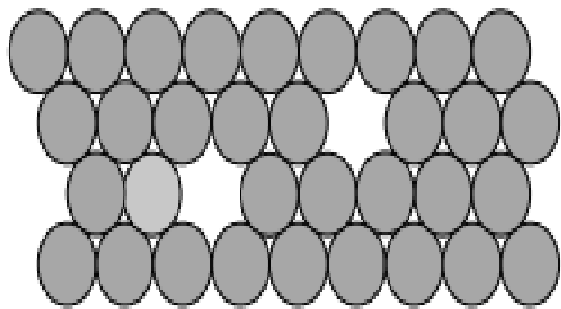
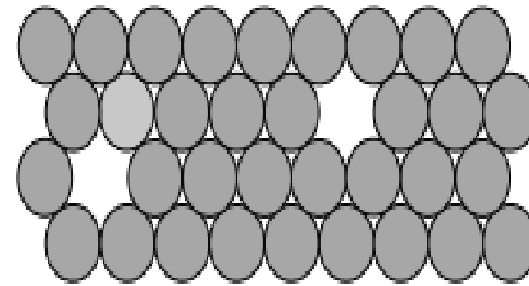
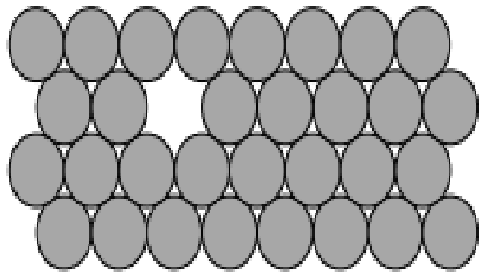
Substitutional Alloy

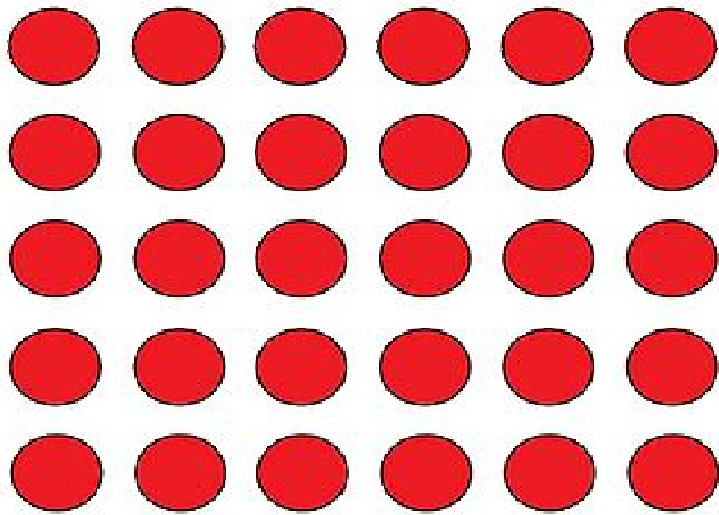


Brass, a substitutional alloy

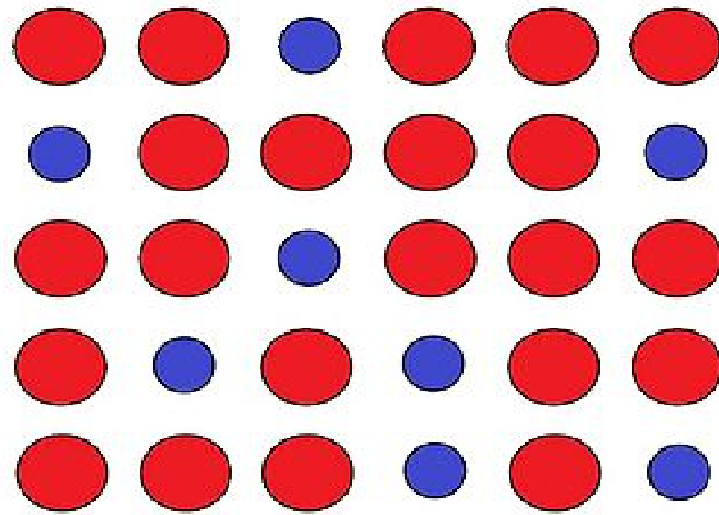
Brass, a substitutional alloy

Vacancies

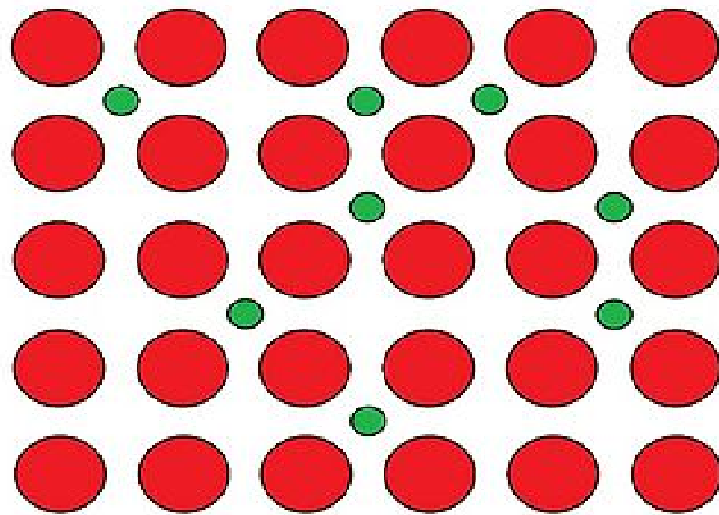




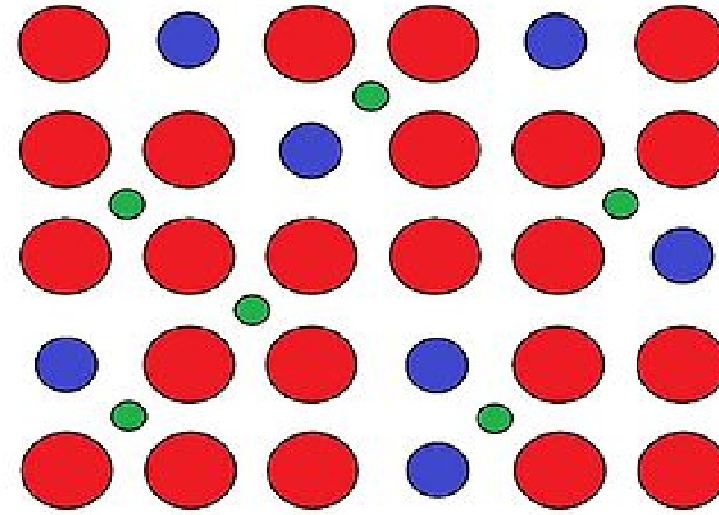
Pure metal



Substitutional alloy



Interstitial alloy



Substitutional/interstitial alloy

THANK YOU