

# Group

ABC  
XYZ University

# Definition of group

A non-empty set  $G$  with binary operation  $\cdot$  is said to be a Group if for  $a, b \in G$ , we have

1.  $a \cdot b \in G$
2.  $(a \cdot b) \cdot c = a \cdot (b \cdot c)$
3.  $\exists e \in G$  such that  $a \cdot e = e \cdot a = a'$

$(Z_n, \oplus_n), \neq$  Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus

# Thank You!

**Shubham**

Questions or Comments?

*Presented by: Shubham*