CS pathshala
Bringing computational thinking to schools

Overallgoal of the lesson: For children to understand STEPS for converting given hours, minutes and seconds to seconds
Prior knowledge required: Addition, multiplication, knowledge of basic time conversions - one day to hours, one hour to minutes and one minute to seconds.
Material Required:
       Physical: Pen and paper
       Electronic: PPT–Understanding Instructions
Procedure Summary:
Go through presentation

Procedure Details:
1. Revise basic time conversions to children which they learnt in previous grades
    1 day = 24 hours
    1 hour = 60 minutes
    1 minute = 60 seconds
    Slide 2 from PPT

2. Let students understand conversion flow which is the base for the conversion factor algorithms.
    Slide 3 from PPT

3. Once they are comfortable with conversion flow
    Introduce them steps for converting minutes to seconds. Slide 5, 6 from PPT
    Introduce them steps to convert hours to seconds. Slide 7 from PPT

4. Slide 8, 9 takes the algorithms learnt in Slide 5, 6 to another level. It explains steps for converting given hours, minutes, and seconds to seconds.

5. Children have learnt algorithm based on forward conversion flow
    Examples for converting days to seconds, days to minutes and days to hours can also be taken on similar lines.