

Problem Solving

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0.1 Computing the Entry Price

You are asked to write a simple program that computes the total price for a group of people to enter a park.

Your program should:

- Ask the user how many adults and how many children want to enter the park,
- If the group comprises 6 persons or more, offer to sell a group pass for \$30 (that allows everyone in the group to enter the park),
- Compute and display the total price on the screen, knowing that:
 - Adults pay \$7,
 - Children pay \$4,
 - *If* purchasing the group pass allowed the group to save money (which isn't always the case!), you should display on the screen the amount saved.

Some tips:

- When asking “yes” / “no” questions, treat “y” and “Y” as a “Yes”, and any other string as a “No”.
- Note that we will sell the pass even if the user is not gaining money by doing so (for instance, if 6 children want to enter, $\$4 \times 6 = \$24 < \$30$, but we would still sell them the pass).