

Algorithm Design Task

To construct an algorithm in flowchart form for the determination of the median value for a given set of numbers. The instructional algorithm for the determination of a median value is outlined in the Statistical Algorithm section.

Designing an Algorithm

Design a written algorithm and convert it into a flowchart.

1. Pick an everyday task that you undertake. This can range from brushing your teeth, making breakfast, or even coming to school.
2. Deconstruct this activity by writing down all the steps needed to accomplish this activity. Try and think of all possibilities and their outcomes.
3. Once you have deconstructed your activity, write it down as pseudo code.
4. Using an appropriate concept-mapping App (Inspiration and Popplet) and the correct flowchart components (oval, rectangular and diamond boxes) convert your written algorithm into a flowchart.
5. Use the assessment criteria sheet as a guide to assist you with the level of detail needed.

