

# Problem solving

- Understand the problem description
- Generate a hypothetical solution
  - Think in terms of steps computer must perform
- Encode the solution (write the C++ code)
- Check your work
  - Trace your code, go through it step by step, carry out the instructions to see if they will solve the problem (you must be able to read code)
  - Look for errors in your solution (incorrect syntax, missing or misplaced { }, undefined variables, etc).