

## Glossary:

- **Loop:** A command that repeatedly runs a defined section of code.
- **Algorithm:** A precise set of ordered steps that can be followed by a human or a computer to achieve a task
- **Decomposition:** breaking down complex problems into more manageable parts.
- **Code:** the commands that a computer can run.



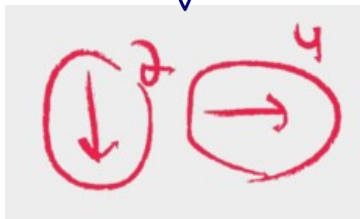
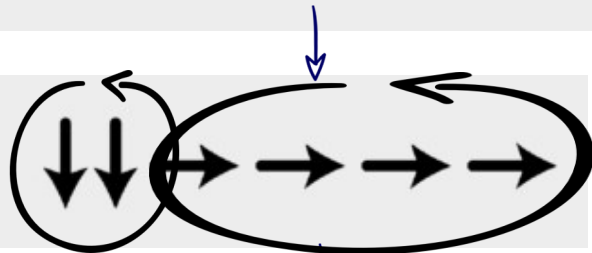
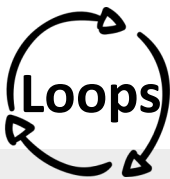
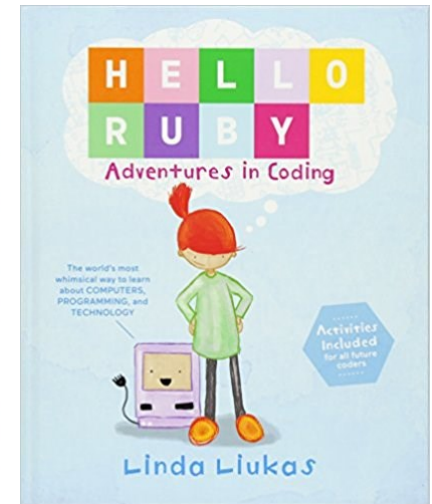
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## TASK 6

### What's The Pattern?



**NEW WORD!**  
**Pattern recognition**  
means being able to spot what is similar and what is not.



The commands below should lead Pirate Rabbit safely from the ship to the treasure chest but they don't! See if you can find the mistake...



Mistakes in code that prevent it doing what it's supposed to do are called 'Bugs'. Finding and fixing them is called 'Debugging'.

## Sticky Knowledge:

- To know that the instructions in an algorithm need to be clear and unambiguous.
- To know what an algorithm is, and that when inputted on a computer it is called a program.
- To know that computers need programmes to achieve a specific goal.
- To know there are different coding languages.
- To know decomposition is breaking down problems into smaller parts.
- To know loops repeats a set of codes and make our code more efficient.