

Key Vocabulary

code snippet	A small portion of code or text.
count controlled loop	Coding that is repeated a number of times.
repeat	To do something more than once.
trace	To follow anything from beginning to end.
procedure	A piece of code that can be created again and again.

Key Facts

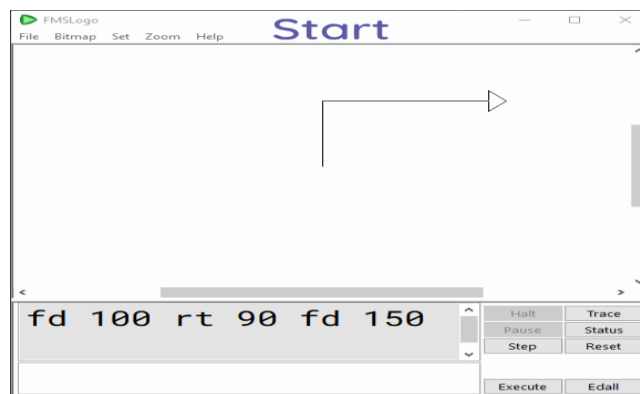
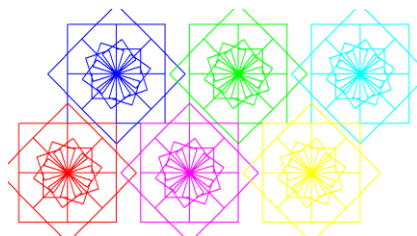
- Patterns in computing are important to spot how programs function and perform tasks.
- Shapes in computing relate very closely to maths such as area and angles within shapes.
- At many stages of coding, it is important to debug, to ensure your program is working as it should.
- Decomposition is the process of breaking things down into smaller steps. This can be used to make coding easier.

Key Questions

- How do I create an algorithm?
- Why is it important to predict how a computer may function?
- How do I use a procedure in a program?
- How do I write a program?

Links to other Learning

- Year 1 – Programming B
Moving a Robot
- Year 2 – Programming B
Quizzes
- Year 3 – Programming B
Sequence in music
- Year 5 – Programming A
Selection in physical computing
- Year 6 – Programming B
Sensing



Famous Computer Scientists

Corrado Böam

(1923-2017)



Corrado was known for his theory of structured programming and mathematics.