



makeblock

Basic Coding Course

“Loop”



The panda is planting trees on the street.



To plant a tree, the panda gardener needs to :



Dig a hole

To plant a tree, the panda gardener needs to :



Dig a hole

To plant a tree, the panda gardener needs to :

Drop the sapling



To plant a tree, the panda gardener needs to :

Dig a hole

Drop the sapling

Cover it with soil



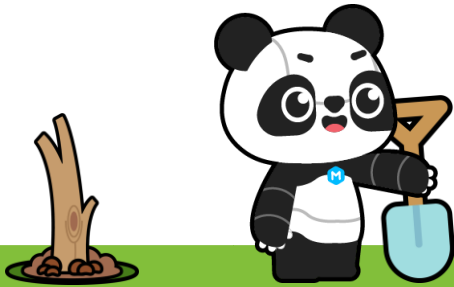
To plant a tree, the panda gardener needs to :

Dig a hole

Drop the sapling

Cover it with soil

Move forward 5 meters



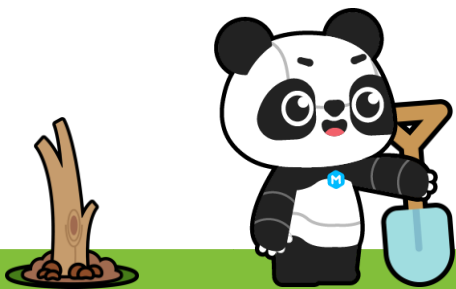
If the street is 20 meters long:

Dig a hole

Drop the sapling

Cover it with soil

Move forward 5 meters



20m

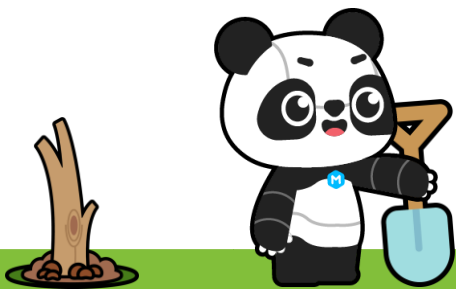
Repeat the sequence of
steps 4 times

Dig a hole

Drop the sapling

Cover it with soil

Move forward 5 meters



20m

Repeat the sequence of steps 4 times

Dig a hole

Drop the sapling

Cover it with soil

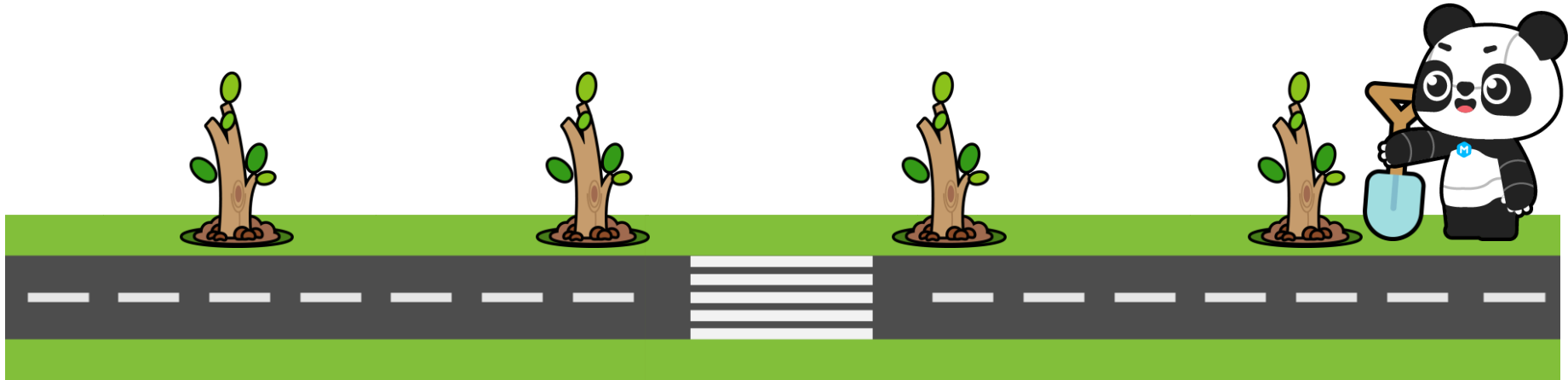
Move forward 5 meters

Repeat 4 times

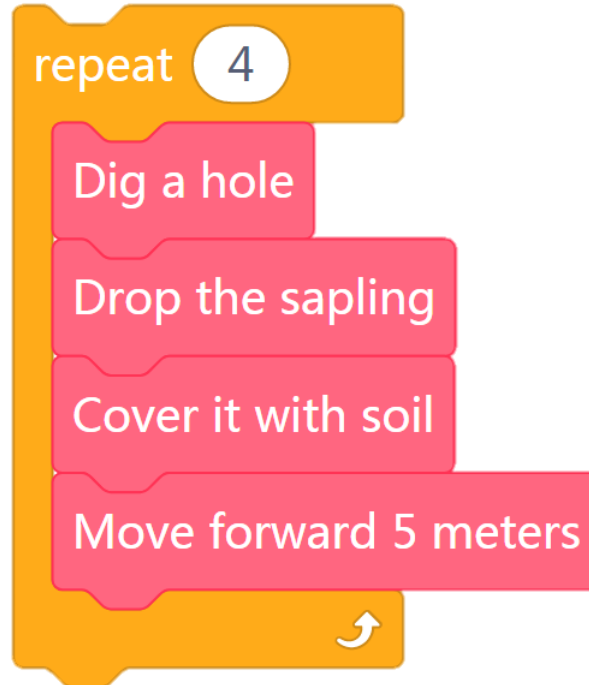


20m

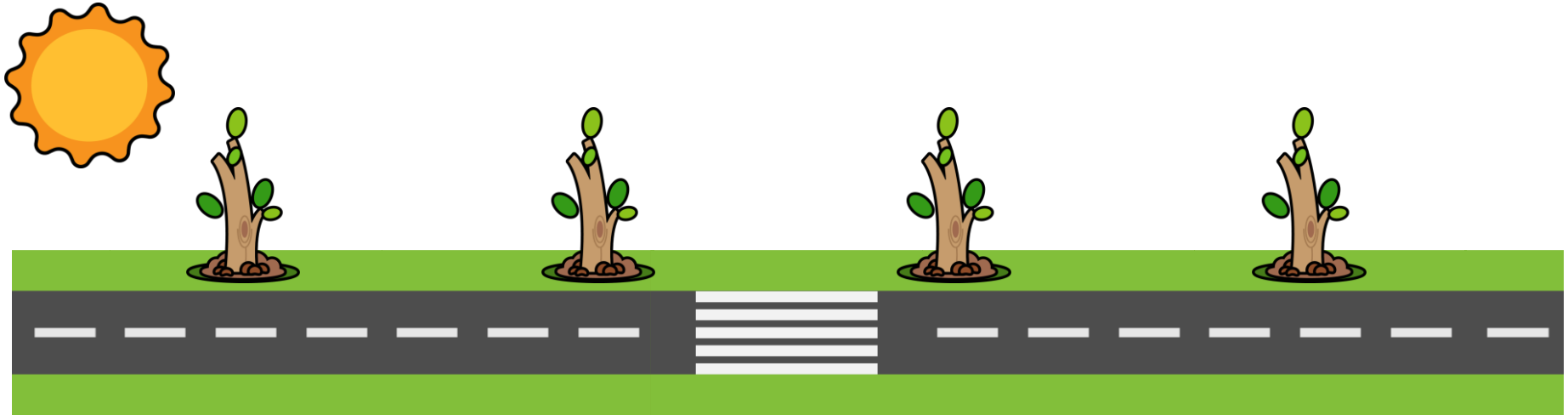
In computer programming, a **loop** means the computer repeats a piece of code over and over again.



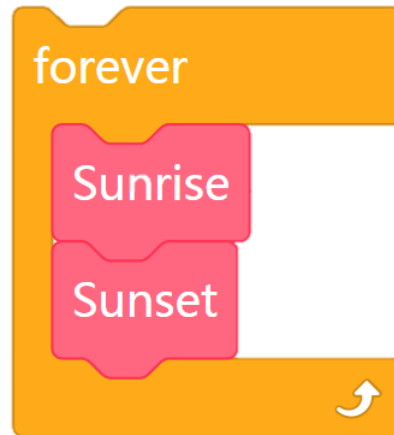
Use the counting loop block to repeat a piece of code specific times.



A loop can be infinite, like the sunrise and the sunset.



Use the infinite loop block to repeat a piece of code forever.



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