Programming Course
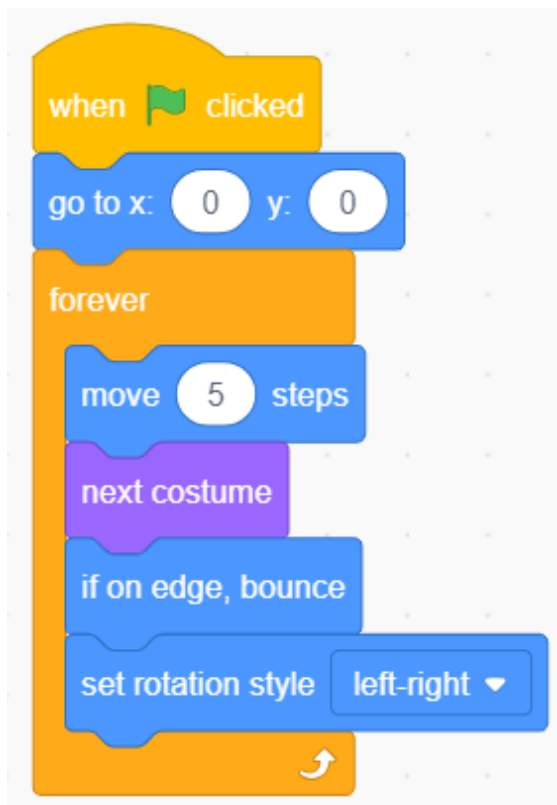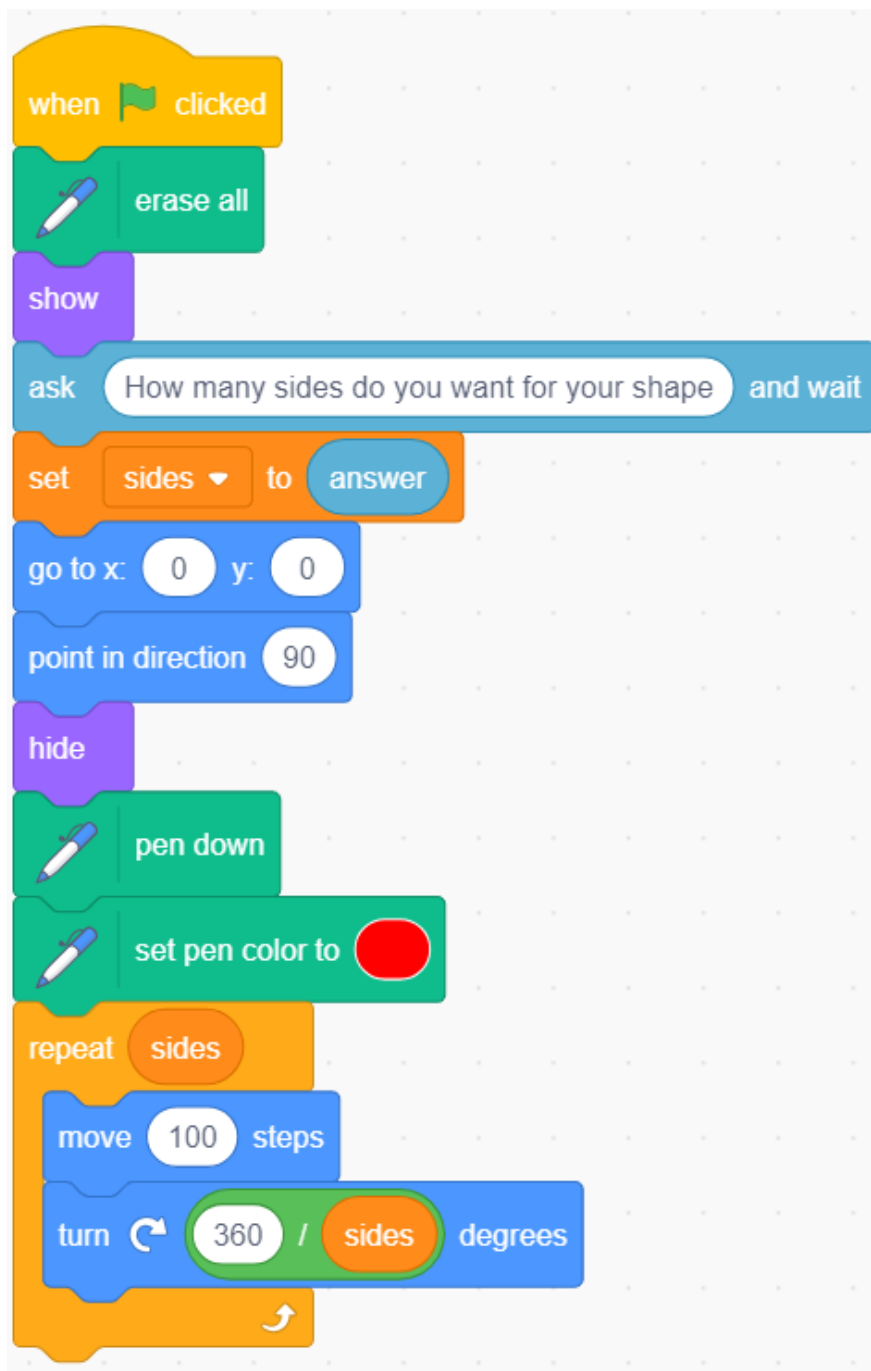
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Exercise 1 (Basic character movement)

Exercise 2 (Drawing shapes)

```
when [flag] clicked
erase all
show
ask How many sides do you want for your shape and wait
set sides ▼ to answer
go to x: 0 y: 0
point in direction 90
hide
pen down
set pen color to [red]
repeat sides
    move 100 steps
    turn ↻ (360 / sides) degrees
```

Exercise 3 (Doing some basic math)

```
when [flag] clicked
show
set [score] to [0]
repeat [4]
    set [num1] to (pick random [1] to [10])
    set [num2] to (pick random [1] to [10])
    ask (join [What is] (join (num1) (join [+] (join (num2) [?])))) and wait
    set [ans] to (num1 + num2)
    if <(ans) = (answer)> then
        say [Well Done!] for [2] seconds
        change [score] by [1]
    else
        say (join [Sorry the correct answer is:] (ans)) for [2] seconds
    end
end
say (join [You have gotten] (join (score) [correct answers out of 4])) for [2] seconds
```