

SUGUNA HOMBAL

Scratch 3.29.1

File Edit Tutorials area of following

Code Costumes Sounds

Motion

- move 10 steps
- turn 15 degrees
- turn 15 degrees
- go to random position
- go to x: 0 y: 0
- glide 1 secs to random position
- glide 1 secs to x: 0 y: 0
- point in direction 90
- point towards mouse-pointer
- change x by 10
- set x to 0

Code

```
when clicked
ask enter the radius of circle and wait
let r = to answer
ask area of circle = to 0.142 * r * r
ask enter the radius of semicircle and wait
let r = to answer
ask area of semicircle = to 0.142 * r * r * 0.5
ask enter the length of rectangle and wait
let l = to answer
ask enter the breadth of rectangle and wait
let b = to answer
ask area of rectangle = to l * b
ask enter the length of square and wait
let l = to answer
ask area of square = to l * l
ask enter the radius of cylinder and wait
let r = to answer
ask enter the height of cylinder and wait
let h = to answer
ask area of cylinder = to 0.142 * r * r * h
ask enter the radius of sphere and wait
let r = to answer
ask area of sphere = to 3 * 0.142 * r * r * r
ask enter the length of triangle and wait
let l = to answer
ask enter the breadth of triangle and wait
let b = to answer
ask area of triangle = to 0.5 * l * b
```

Sprite1

x 0 y 0

Stage

Backdrops 1

04:53 PM 02-11-2023