



Junior

omputer



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cience

Platform Game

Program Aim Move a character through many levels avoiding obstacles and characters to a place at the bottom which will get you to the next level

What do I need?

One sprite with more than one costumes that looks like it is walking (cat is good)
A single colour set of platforms

A single colour set of platforms



```
when green flag clicked
forever loop
  if key space pressed?
    change y by 20
    wait 0.5 secs
```

Jump

Forever if press space key on keyboard cat moves up 20

```
when green flag clicked
forever loop
  if key right arrow pressed?
    point in direction 90
    move 1 steps
  if key left arrow pressed?
    point in direction -90
    move 1 steps
```

Steering

Forever if right arrow key is pressed, point in direction right (90 degrees) and move

Forever if left arrow key is pressed, point in direction left (-90 degrees) and move

```
when green flag clicked
forever loop
  if not touching color orange?
    change y by -1
```

Gravity if not touching orange platforms

Forever if not touching colour orange change y axis movement by -1 (down)

```
when green flag clicked
forever loop
  if key right arrow pressed? or key left arrow pressed?
    next costume
    wait 0.3 secs
```

Only animate costumes if right or left arrows are being pressed

How would you improve this game?

