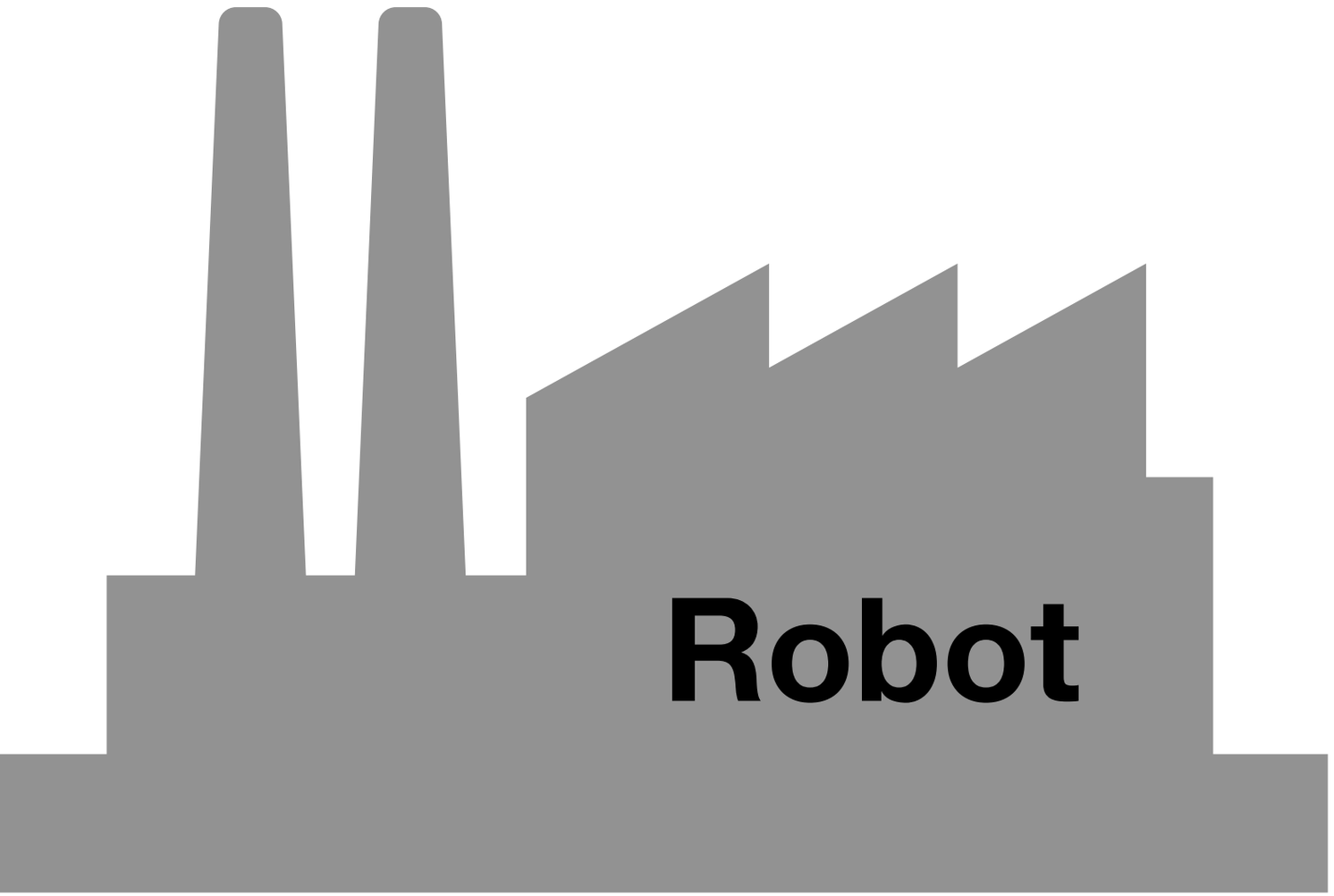
SC101

Lecture 3

```
r1 = Robot(183, 70, color='orange')
r2 = Robot(190, 80, color='red')
r3 = Robot(160, 50)
```



r3

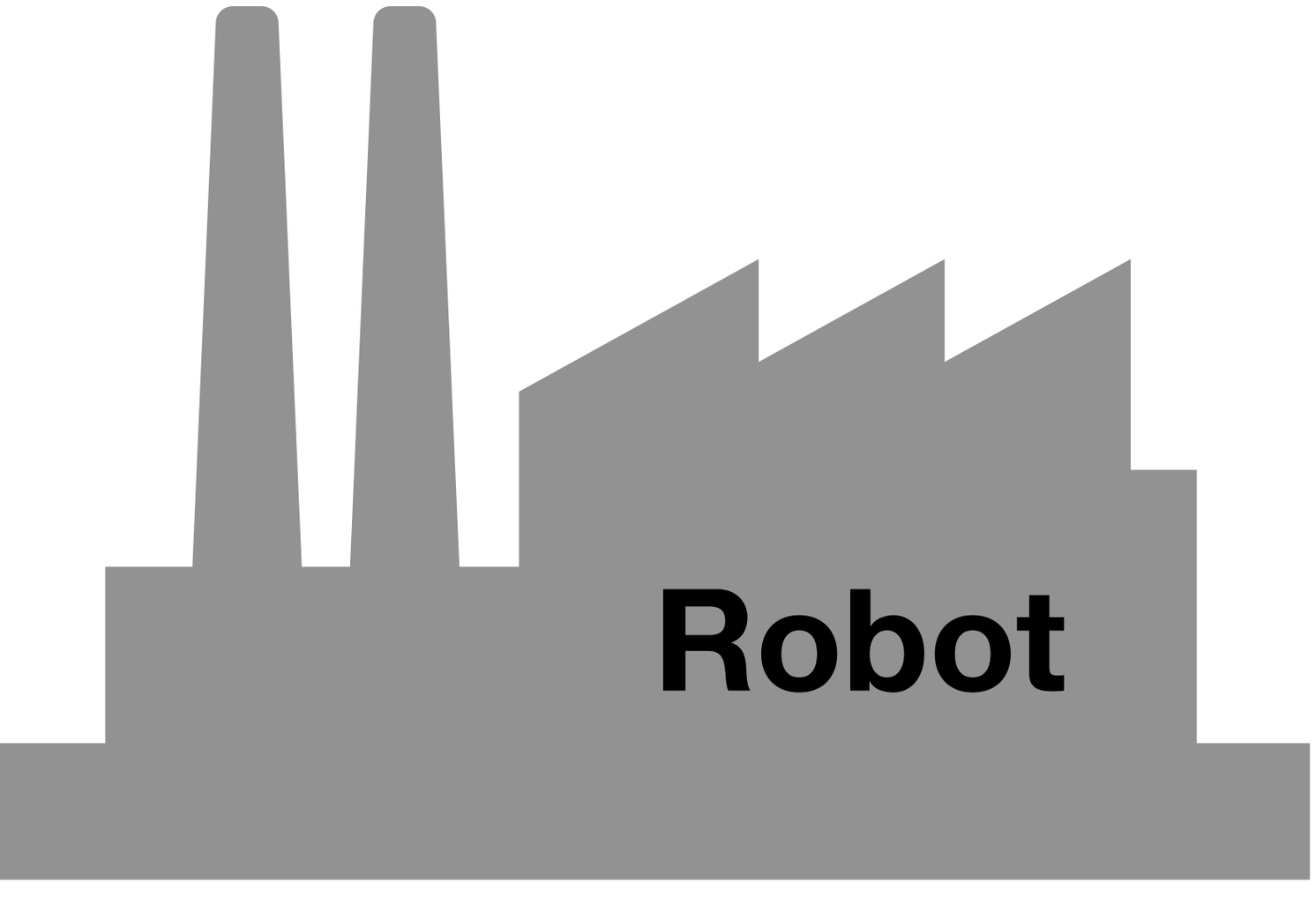
r1

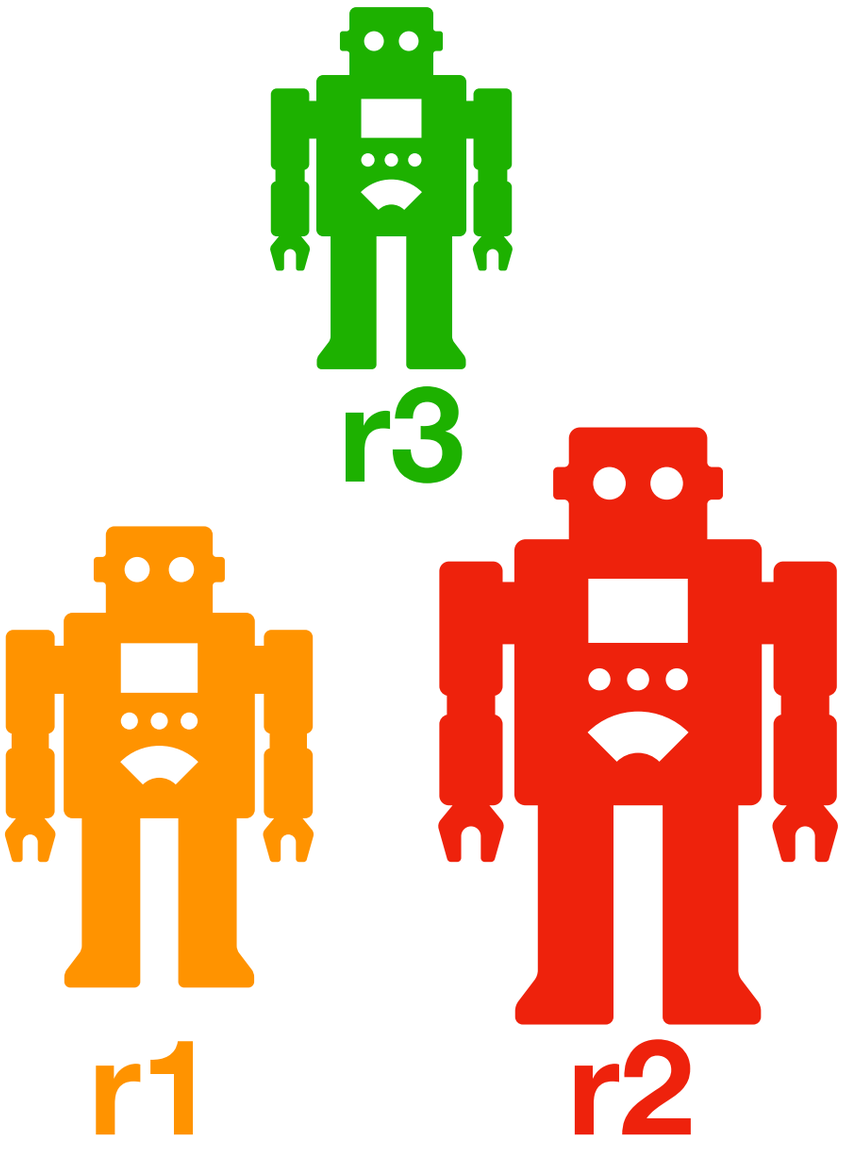
r2

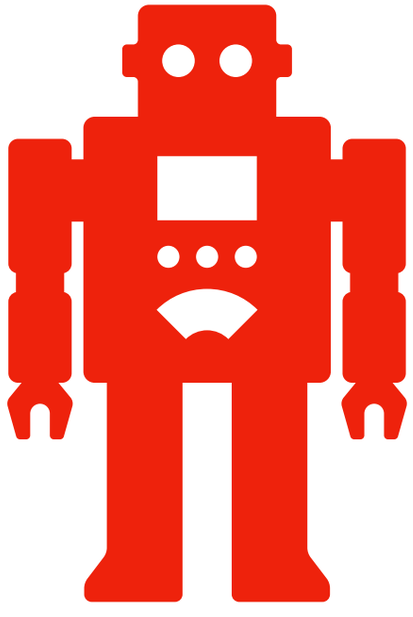
r1 = Robot(183, 70, color='orange')

r2 = Robot(190, 80, color='red')

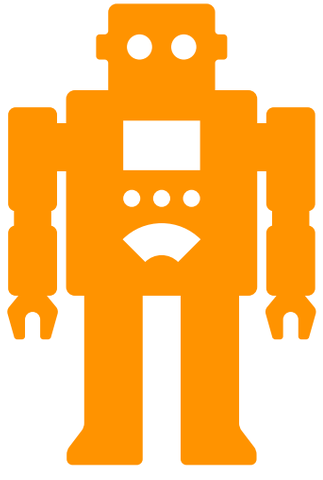
r3 = Robot(weight=50, height=160)



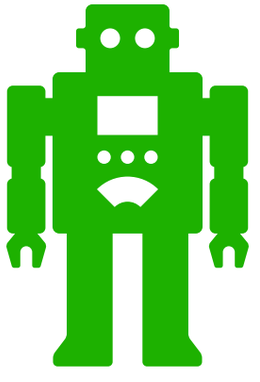




r2

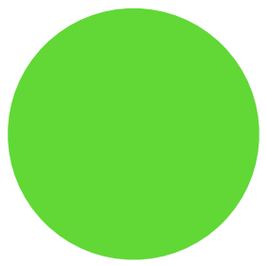


r1



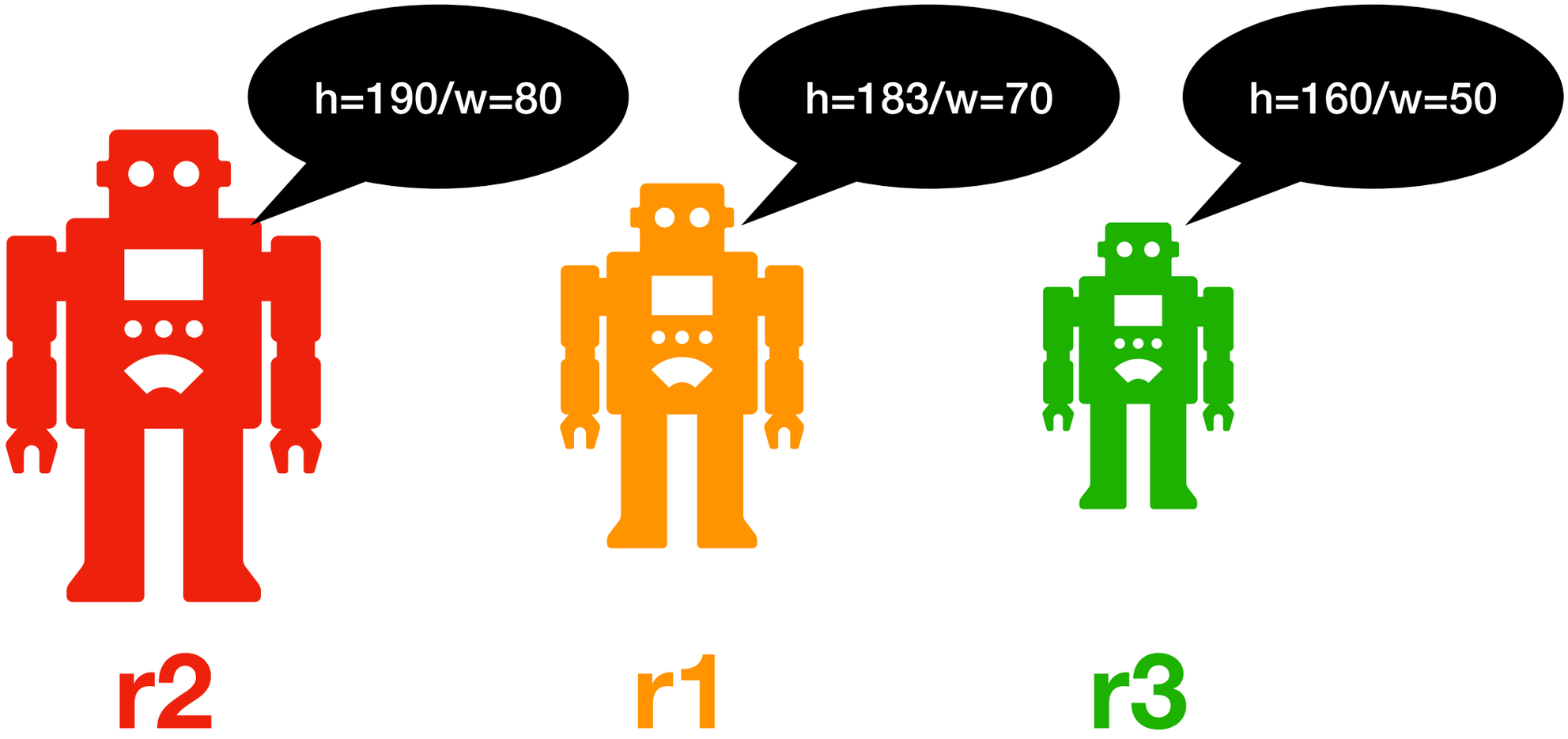
r3

oval = r3.give_me_a_ball(50)



oval = r1.give_me_a_ball(10)

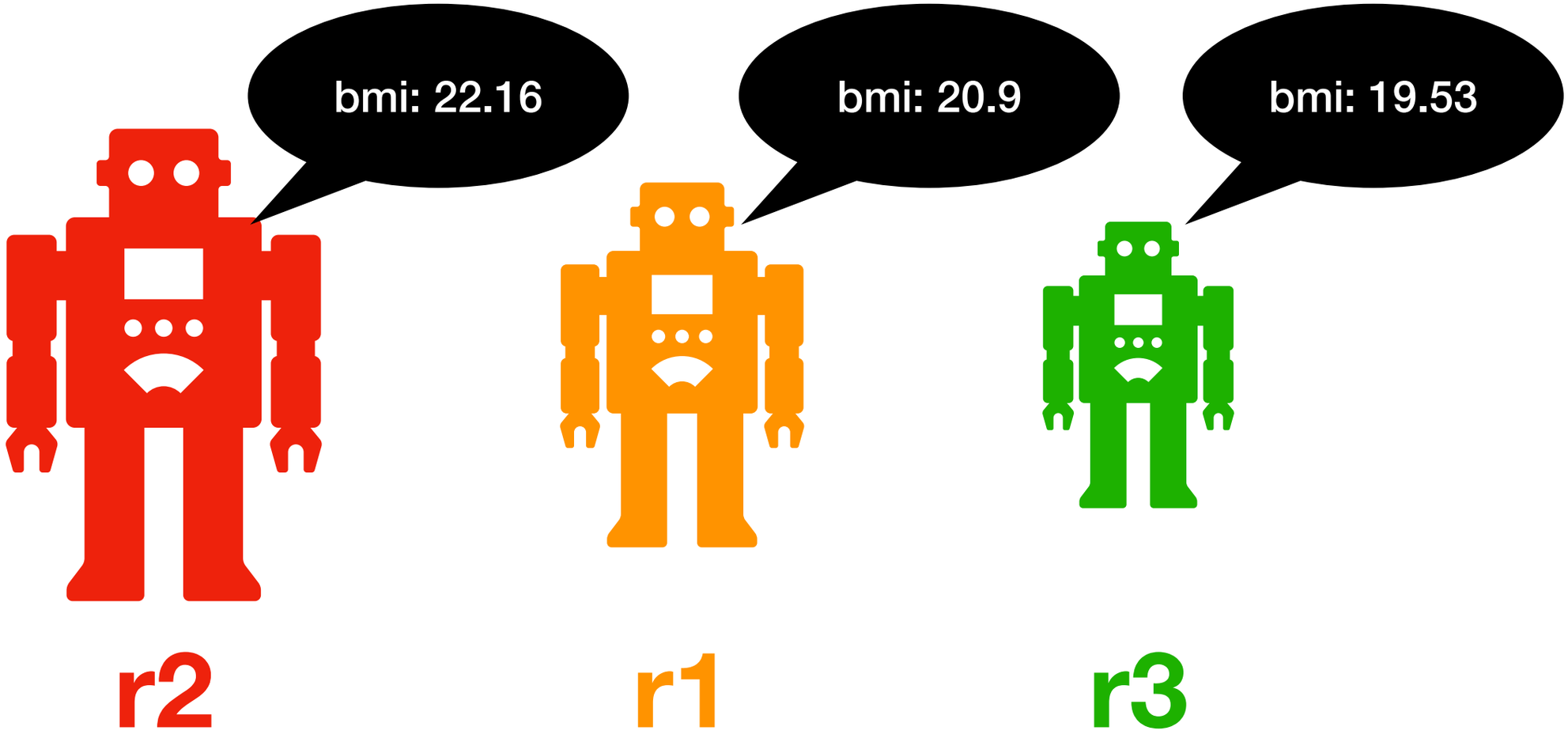
oval = r2.give_me_a_ball(20)



r3.self_introduce( )

r1.self_introduce( )

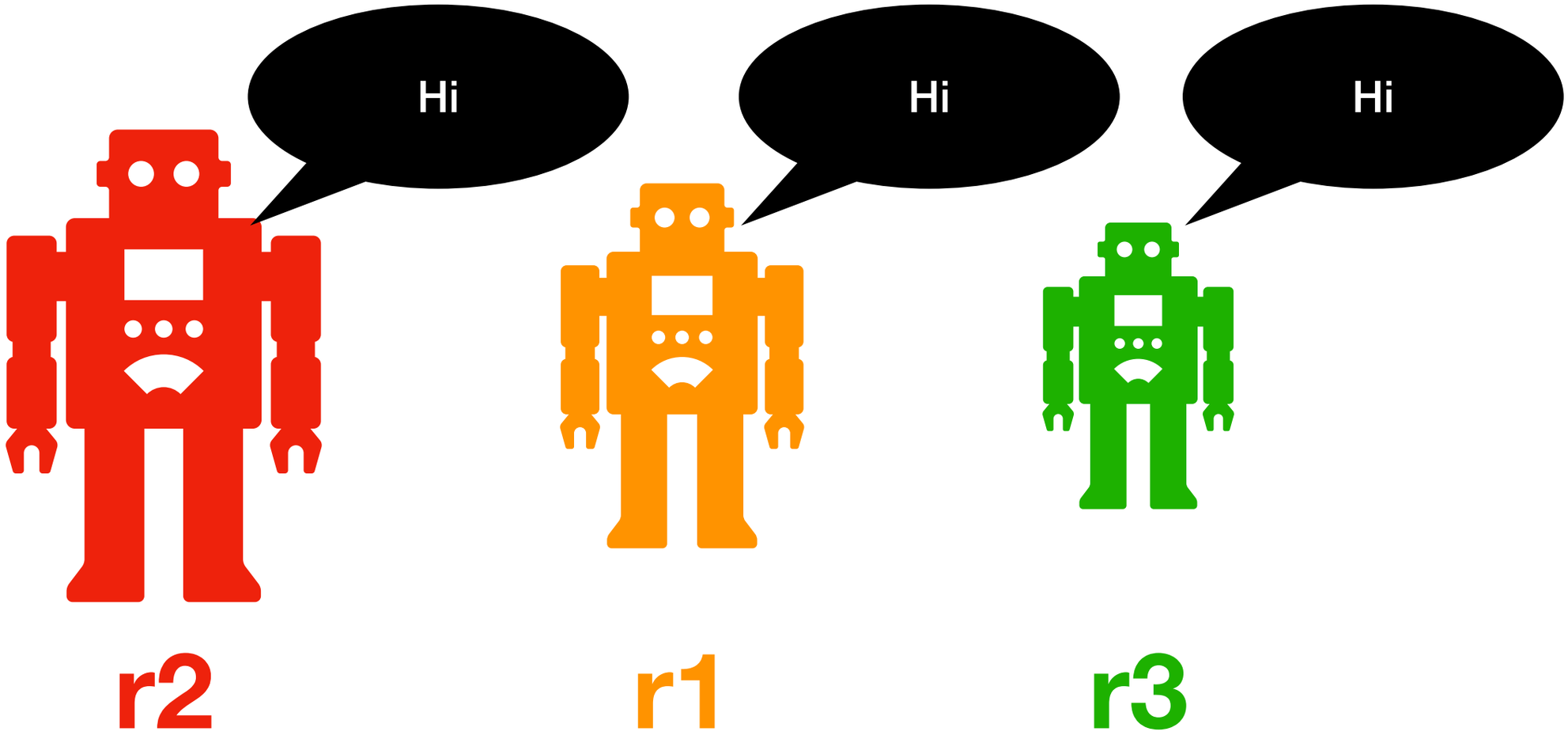
r2.self_introduce( )



r3.bmi( )

r1.bmi( )

r2.bmi( )



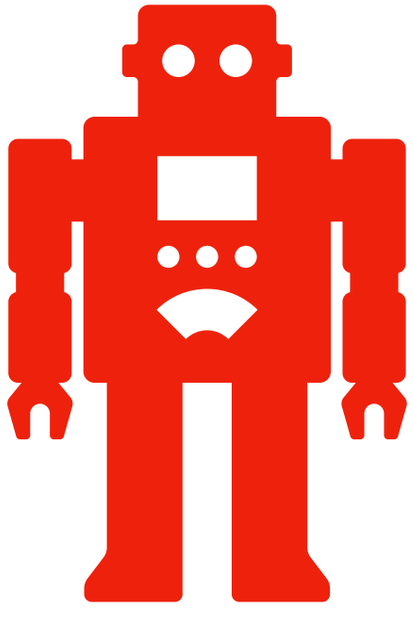
r3.say_hi( )

r1.say_hi( )

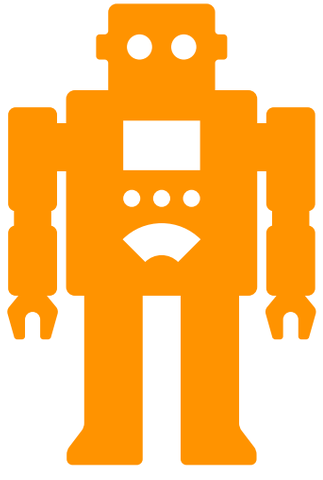
r2.say_hi( )

Let’s code it up!

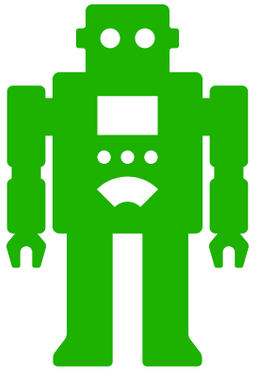
give_me_a_ball(50)



r2

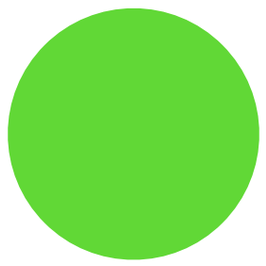


r1



r3

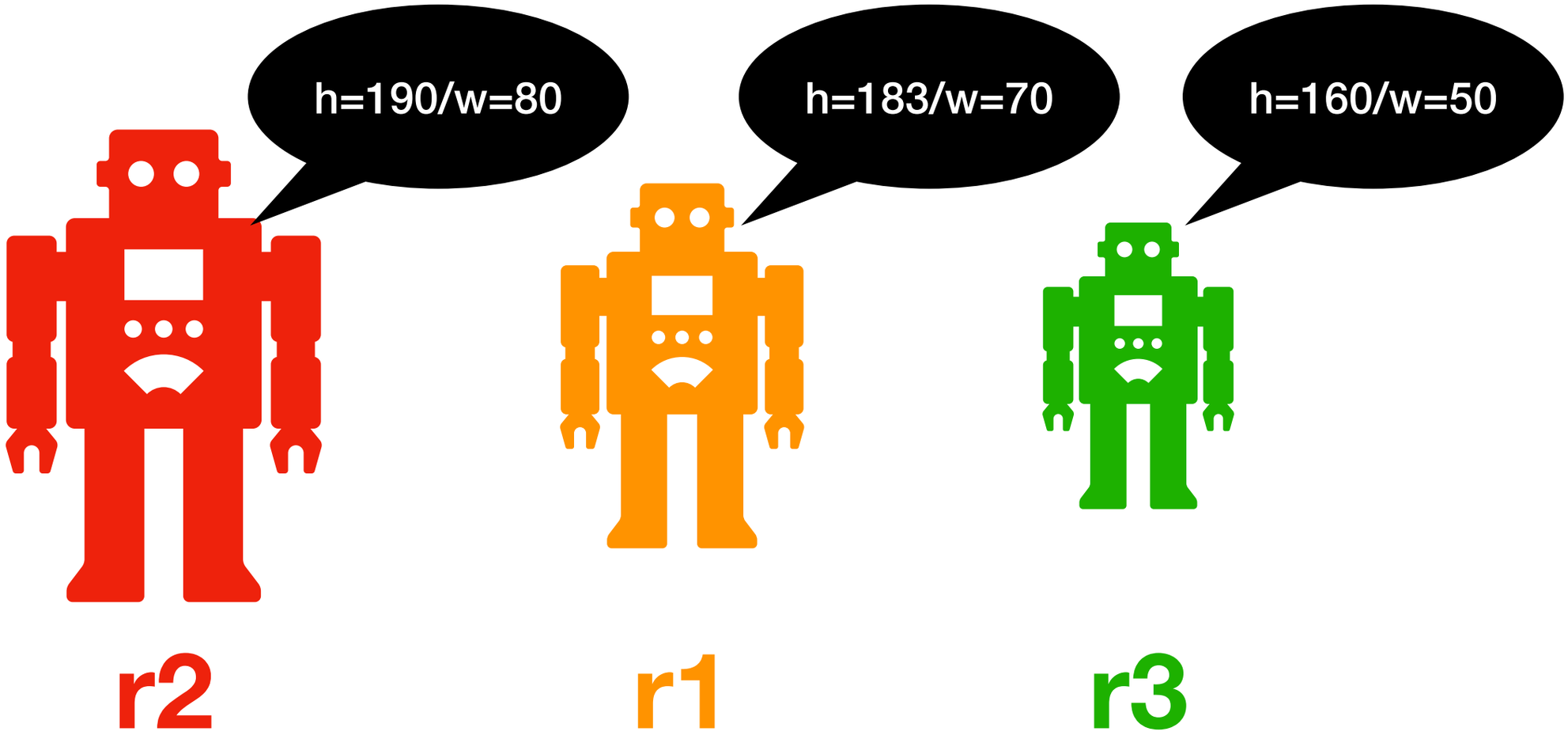
oval = r3.give_me_a_ball(50)



oval = r1.give_me_a_ball(10)

oval = r2.give_me_a_ball(20)

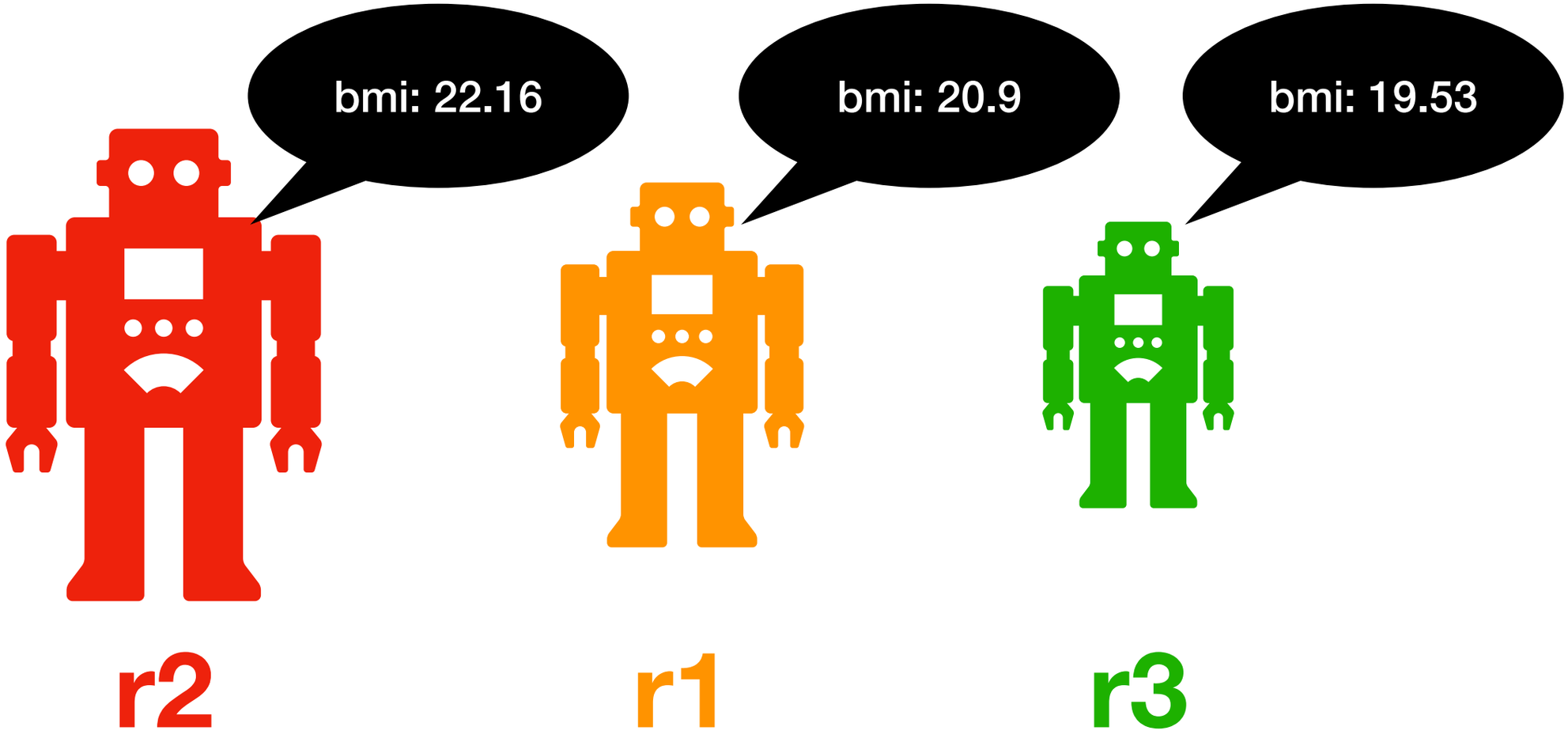
Python prints



r3.self_introduce( )

r1.self_introduce( )

r2.self_introduce( )

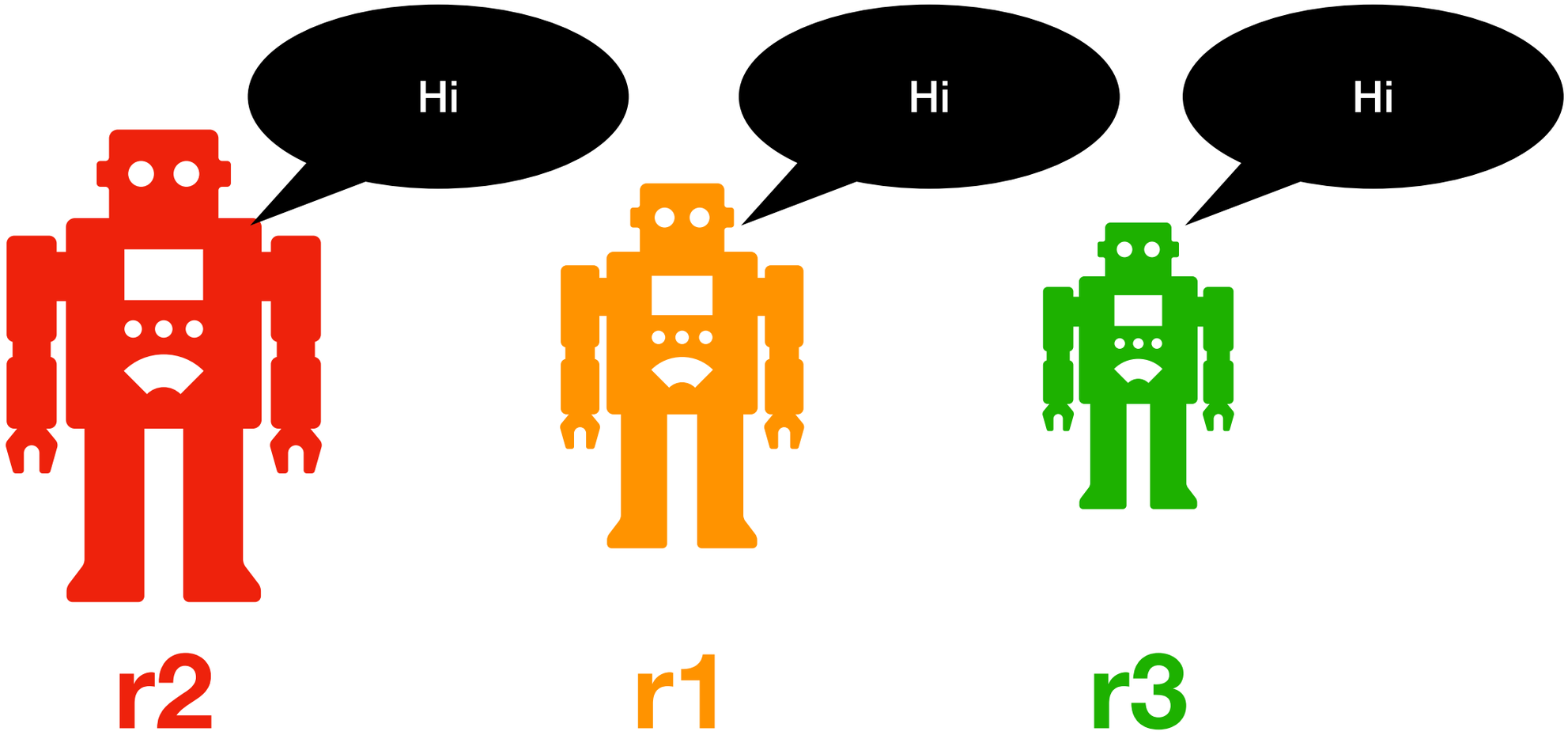


r3.bmi( )

r1.bmi( )

r2.bmi( )

static method



r3.say_hi( )

r1.say_hi( )

r2.say_hi( )