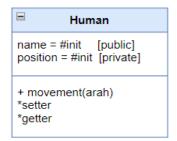
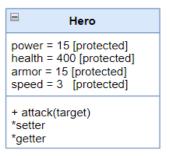
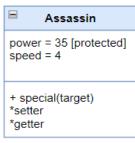
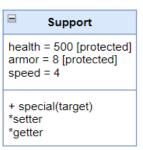
Buatlah class Human, Hero, Warrior, Assassin, Support berdasarkan aturan berikut.





■ Warrior
power = 26 [protected] armor = 30 [protected]
+ special(target) *setter *getter





#### Method:

- Method attack() mengurangi health target sebanyak nilai power target.health = target.health - self.power (menggunakan metod setter)
- Method movement() menerima string "L" kiri (mengurangi nilai pos\_x sebanyak speed) dan "R" kanan (menambah nilai pos\_x sebanyak speed)

# Tabel untuk method special() pada masing masing class

Special		
Warrior	mengubah nilai <b>armor</b> menjadi <b>45</b> dan <b>power</b> menjadi <b>32</b> lalu mengurangi <b>health target</b> sebanyak nilai <b>power</b>	
Assassin	mengubah nilai <b>speed</b> menjadi <b>7</b> dan <b>power</b> menjadi <b>42</b> lalu mengurangi <b>health target</b> sebanyak nilai <b>power</b>	
Support	mengubah nilai <b>speed</b> menjadi <b>6</b> dan menambah <b>health target</b> sebanyak <b>150</b>	

### Catatan:

- Nama dan posisi setiap objek diisi pada saat inisialisasi objek atau menggunakan \_\_init\_\_(). Gunakan super().\_\_init\_\_(parameter) agar constructor class parent tidak tertimpa/override
- Tambahkan setter/getter jika ingin mengakses variabel private atau protected dari luar class. Cukup definisikan di class parent saja

### **Contoh program:**

```
from hero import Warrior, Assassin, Support

warrior = Warrior("bambang", pos_x=10)
assassin = Assassin("joko", pos_x=25)
support = Support("udin",pos_x=30)

# sebelum
print("health (before)", warrior.getHealth())
assassin.attack(warrior)
# sesudah
print("health (after)", warrior.getHealth())

print("-"*10)

# sebelum
print("Warrior (health)", warrior.getHealth())
print("Support (speed) : ",support.getSpeed())

support.special(warrior)

# sesudah
print("Warrior (health)", warrior.getHealth())
print("Support (speed): ",support.getSpeed())
```

# Output:

```
health (before) 400
health (after) 365
-------
Warrior (health) 365
Support (speed): 4
Warrior (health) 515
Support (speed): 6
```