

Pseudocode

Constructor

Saves day method for what situation needs help

Print output information about superhero

If good everyone cheers if bad everyone boos

Code

#Cole Current

#5/18/2020

```
class Superhero:
```

```
def __init__(self, name, strengthPts, situation, power, reputation):
```

```
self.name = name
```

```
self.strengthPts = strengthPts
```

```
self.situation = situation
```

```
self.power = power
```

```
self.reputation = reputation
```

```
def savesDay(self):
```

```
if (self.situation=="burning building"):
```

```
print("An orphanage is on fire! The hero zooms inside and saves the burning kids from the fire!")
```

```
elif(self.situation=="cat in tree"):
```

```
print("A cat is stuck in a tree! The hero climbs up the tree and rescues the cat!")
```

else:

```
print("There is no one that needs saving")
```

```
def main():
```

```
newSuperhero=Superhero("Crimson Chin", 500, "burning building", "flight", 7)
```

```
print("Superhero Story")
```

```
print("◊◊◊◊◊◊◊◊◊◊◊◊")
```

```
print("There exists a superhero named " + newSuperhero.name + " with the power of flight " +
newSuperhero.power + ".")
```

```
if newSuperhero.strengthPts >= 500:
```

```
        print(newSuperhero.name + " is very strong.")
elif newSuperhero.strengthPts >= 300:
    print(newSuperhero.name + " is moderately strong.")
else:
    print(newSuperhero.name + " is weak.")

newSuperhero.savesDay()

if newSuperhero.reputation > 5:
    print(newSuperhero.name + " is good so everyone cheers.")
elif newSuperhero.reputation > 2:
    print(newSuperhero.name + " is netural so everyone is suspicious about what to do")
else:
    print(newSuperhero.name + " is evil so everyone runsaway and hides!")

main()
```

PMR

What was the purpose of your program? To use oop to create superhero objects

How could your program be useful in the real world? It could be used to make many different superheroes with different attributes

What is a problem you ran into, and how did you fix it? I was having problem with the constructor

Describe one thing you would do differently the next time you write a program. I would spend more time with the pseudocode