

Assignment 3

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Exercise 1

Algorithm 1 InstaBot

```
1: InstaBot(login,password)
2: follow(user)
3: save(post)
```

Algorithm 2 InstaBot(login="username",password=password)

```
1: while true do
2:   time.sleep(10 * 60)
3:   all = Get(https://api.instagram.com/v1/tags/{SocialComputing}/media/recent?access_token=ACCESS-
         TOKEN )
4:   for a in all do
5:     follow(a.user)
6:     if 234451301 == a.location then
7:       save(a)
8:     end if
9:   end for
10: end while
```

Algorithm 3 follow(user)

```
1: self.follow(user)
```

The Bot has to check all 10Minutes, if there happens something new. Than it has to decide, if it is from the RWTH or not. If it is, it also has to been saved, otherwise just followed.

Algorithm 4 save(post)

1: store in database
