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from datetime import datetime
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✓ Воркшоп

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class User:
    name = ''
    email = ''
    approved_by = ''

    def __init__(self, name, email):
        self.name = name
        self.email = email

    def show(self):
        print('Name: ', self.name)
        print('Email: ', self.email)
        print('Approved by: ', self.approved_by)

class AdminUser(User):
    def __init__(self, name, email):
        # super возвращает все поля и методы класса-родителя, от которого мы наследуем новый класс
        super().__init__(name, email)
        self.approved_by = 'admin'

    def approve(self, user:User):
        user.approved_by = self.name

user = User('aleks', 'mail@alex.com')
admin = AdminUser('ivan', 'mail@ivan.com')

admin.approve(user)

user.show()
→ Name: aleks
  Email: mail@alex.com
  Approved by: ivan

admin.show()
→ Name: ivan
  Email: mail@ivan.com
  Approved by: admin

admin2 = AdminUser('petr', 'mail@petr.com')
admin2.approve(admin)

admin.show()
→ Name: ivan
  Email: mail@ivan.com
  Approved by: petr

class RegularUser(User):
    def __init__(self, name, email):
        super().__init__(name, email)
        self.register_date=datetime.now()
    def show(self):
        super().show()
        print (f"Register date: {self.register_date}")

r_user=RegularUser('John Doe', 'JohnDoe@morgue.gov')
r_user.show()
→ Name: John Doe
  Email: JohnDoe@morgue.gov
  Approved by:
  Register date: 2024-10-05 17:46:32.984908

admin.approve(r_user)
r_user.show()
```



Name: John Doe
Email: JohnDoe@morgue.gov
Approved by: ivan
Register date: 2024-10-05 17:46:32.984908