

```
In [1]: 1 di = {1: 'abc', 2: 'def'}
```

```
In [3]: 1 di.keys()
```

```
Out[3]: dict_keys([1, 2])
```

```
In [4]: 1 1 in di.keys()
```

```
Out[4]: True
```

```
In [6]: 1 str(1) + str(1)
```

```
Out[6]: '11'
```

```
In [ ]: 1 di['11'] ==
```

```
1 0 -> 1 2 3 4 5 6 7
2 |
3 1
4 2
5 3
6 4
7 5
8
```

## Edyoda Application

- Home
  - Greeting from Edyoda
  - Today Session Details
  - Upcomming Assignments
  - Over all grade
  - Attendance
  - Completed/Upcomming Modules
- Modules with different topics
  - All modules of particular track
- Certification and performance
  - Based on submitted assignments
- Batch mates
  - Profile of Batchmate within the batch
- Submissions
  - based on submitted assignments
- Instructors
  - Instructor Profile based on module assigned
- Profile
  - Name
  - Contact Num

- Email
  - Address
  - Skills
  - Education
  - Experience
  - Achievements
  - Interests
  - Social Media (Github/ LinkedIn)
- Job Profile
  - Company
  - Experience
  - Resume
  - Current Position
- Refer and Earn
- Chatbot
  
- Admin
  - profile Details

```

In [36]: 1 import random
2
3 class Admin:
4     list_of_students = []
5     def __init__(self):
6         self.batch_details = {}
7         self.students = {}
8         self.instructors = {}
9         self.module = {}
10
11 #     def add_module(self):
12
13
14
15     def student_details(self):
16         batch_size = int(input("How many students need to enroll in a batch? "))
17
18         for i in range(batch_size):
19             s_id = random.randint(1, 1000) + random.randint(1, 1000)
20
21             std_id = 'Edyoda' + str(s_id)
22
23             print("Enter details for the student with id", std_id)
24             name = input('Enter Student name: ')
25             gender = input('Enter student gender')
26             email_id = input('Enter email of the student')
27             mobile = input('Enter student mobile number')
28             experience = input('Enter student experience')
29             student = student_details(std_id, name, gender, email_id, mobile, experience)
30             Admin.list_of_students.append(student)
31
32     def valid_email(self, email):
33         pass

```

```

In [7]: 1 import random

```

```

In [35]: 1 for i in range(10):
2         print(random.randint(1, 100))

```

```

26
87
97
64
28
92
39
34
1
44

```

```
In [37]: ▶ 1 class student_details:
2     def __init__(self, std_id, name, gender, email_id, mobile, experience):
3         self.std_id = std_id
4         self.name = name
5         self.gender = gender
6         self.email = email_id
7         self.mobile = mobile
8         self.experience = experience
9     def get_name(self):
10        return self.name
11
12    def set_name(self, name):
13        self.name = name
14
15    def get_gender(self):
16        return self.gender
17
18    def set_gender(self, gender):
19        self.gender = gender
20
21    def get_mobile(self):
22        return self.mobile
23
24    def set_mobile(self, mobile):
25        self.mobile = mobile
26
27    def get_email(self):
28        return self.email
29
30    def get_experience(self):
31        return self.experience
32
33    def set_experience(self, experience):
34        self.experience = experience
35
36    def __str__(self):
37        return 'Name: {} \n Gender: {} \n email: {} \n Experience: {}'.fo
38
39 class instructor_details:
40     pass
41
42 class modules:
43     pass
44
45 class batch_details:
46     pass
47
```

```
In [38]: ▶ 1 DS290622 = Admin()
```

In [39]: 1 DS290622.student\_details()

```
How many students need to enroll in a batch: 2
Enter details for the student with id Edyoda1416
Enter Student name: Rakesh Kumar
Enter student genderMale
Enter email of the studentrakesh@gmail.com
Enter student mobile number9876543210
Enter student experience3 Yrs
Enter details for the student with id Edyoda1416
Enter Student name: Akash Patil
Enter student genderMale
Enter email of the studentAkash@gmail.com
Enter student mobile number1236547890
Enter student experience2.5
```

In [49]: 1 stds = Admin.list\_of\_students

In [51]: 1 stds[0].get\_name()

Out[51]: 'Rakesh Kumar'

In [43]: 1 Admin.list\_of\_students[0].get\_email()

Out[43]: 'rakesh@gmail.com'

In [44]: 1 Admin.list\_of\_students[0].get\_mobile()

Out[44]: '9876543210'

In [45]: 1 Admin.list\_of\_students[0].set\_mobile('9876543211')

In [46]: 1 Admin.list\_of\_students[0].get\_mobile()

Out[46]: '9876543211'

In [47]: 1 Admin.list\_of\_students[0].get\_email(), Admin.list\_of\_students[0].get\_mob:

Out[47]: ('rakesh@gmail.com', '9876543211')

In [52]: 1 stds[1].get\_name()

Out[52]: 'Akash Patil'

In [ ]: 1