

## PROJECT DEVELOPMENT-DELIVERY OF SPRINT 2

Date	09/11/2022
Project Name	REAL TIME COMMUNICATION SYSTEM USING AI FOR SPECIALLY ABLED
Team ID	PNT2022TMID43024

### Developing otp generation:

```
# Importing random to generate
```

```
# random string sequence
```

```
import random
```

```
# Importing string library function
```

```
import string
```

```
def rand_pass(size):
```

```
    # Takes random choices from
```

```
    # ascii_letters and digits
```

```
    generate_pass = ''.join([random.choice( string.ascii_uppercase +
```

```
string.ascii_lowercase +
```

```
string.digits)
```

```
for n in range(size))
```

```
return generate_pass
```

```
# Driver Code
```

```
password = rand_pass(10)
```

```
print(password)
```

**OUTPUT:**

OTP: Uz9unXwF2J

The screenshot displays the Programiz Python Online Compiler interface. The browser's address bar shows the URL `programiz.com/python-programming/online-compiler/`. The page header includes the Programiz logo and navigation links. The main workspace is divided into two panels: a code editor on the left and a shell on the right. The code editor contains a Python script named `main.py` that defines a `rand_pass` function to generate a random password of a specified size using characters from `string.ascii_uppercase`, `string.ascii_lowercase`, and `string.digits`. The script also includes a driver code section that calls `rand_pass(10)` and prints the result. The shell panel on the right shows the output of the script: `Uz9unXwF2J`. A small advertisement for an interactive Python course is visible in the bottom right corner.

```
1 # Importing random to generate
2 # random string sequence
3 import random
4
5 # Importing string library function
6 import string
7
8 def rand_pass(size):
9
10     # Takes random choices from
11     # ascii_letters and digits
12     generate_pass = ''.join([random.choice( string.ascii_uppercase +
13                                             string.ascii_lowercase +
14                                             string.digits)
15                             for n in range(size)])
16
17     return generate_pass
18
19 # Driver Code
20 password = rand_pass(10)
21 print(password)
22
```

Uz9unXwF2J