

TEAM ID	PNT2022TMID39027
PROJECT NAME	SMART SOLUTIONS FOR RAILWAYS

```
# -*- coding: utf-8 -*-
```

```
"""OTP_GENERATION.ipynb
```

Automatically generated by Colaboratory.

Original file is located at

https://colab.research.google.com/drive/1LxLNcpq76X_5MgOYRF30JXNtpfim1Ywt

```
"""
```

```
# import library
```

```
import math, random
```

```
# function to generate OTP
```

```
def generateOTP() :
```

```
    # Declare a digits variable
```

```
    # which stores all digits
```

```
    digits = "0123456789"
```

```
    OTP = ""
```

```
    # length of password can be changed
```

```
    # by changing value in range
```

```
    for i in range(4) :
```

```
        OTP += digits[math.floor(random.random() * 10)]
```

```
    return OTP
```

```
# Driver code
```

```
if __name__ == "__main__":
```

```
    print("OTP of 4 digits:", generateOTP())
```