This Python script provides a simple OTP verification flow via the command line.

1. **Features & Functions**

* **otp\_generation()**: Generates a random 6-digit OTP string.As the OTP doesn’t come in calculations work.
* **simulation\_otp\_to\_mail(email, otp)**: Simulates sending the otp to email, including a 2-seconds delay.
* **get\_otp\_from\_user()**: Prompts the user for a 6-digit OTP input, validates it, and returns the valid string.
* **otp\_verification(actual\_otp, entered\_otp)**: Compares the generated and entered OTPs, returning True for a match, False otherwise.
* **run\_otp\_verification(max\_attempts=3)**: The main function orchestrating the entire process:
  + Asks for user email.
  + Generates and "sends" OTP.
  + Prompts for OTP entry (up to max\_attempts tries).
  + Prints success/failure messages.
  + Returns True on successful verification, False on failure.