PASSWORD GENERATOR PROJECT

DONE BY: ALSAMATH J

```
import random
def generate_password(length)
characters =
     "abcdefghijklmnopgrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ01234567
     89!@#$%^&*() +-=[]{}|;:,.<>?`~"
  # Initialize an empty string to store the password
  password = ""
  # Generate password using a simple for loop
  for in range(length):
    password += random.choice(characters)
  return password
# Ask user for password length
while True:
  try:
    length = int(input("Enter the length of the password: "))
    if length <= 0:
      print("Please enter a positive integer.")
```

else:

break

except ValueError:

print("Please enter a valid integer.")

Generate password

password = generate_password(length)

Print generated password

print("Generated Password:", password)

```
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                                                                                                                           Language Python 3 🗸 🗓 🔅
       1 import random
       3 def generate_password(length):
             characters = "abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789!@#$%^&*()_+-=[]{}|;:,.<>?`~"
             password = ""
            for _ in range(length):
                 password += random.choice(characters)
             return password
                 length = int(input("Enter the length of the password: "))
                 if length <= 0:
                     print("Please enter a positive integer.")
             except ValueError:
                 print("Please enter a valid integer.")
      28 # Generate password
      29 password = generate_password(length)
```



OUTPUT

