'''Project: Password Generator

Details:

Your task is to design and build a Python program that generates strong, secure passwords.

These passwords should meet modern security standards and be suitable for various applications.'''

```
import random
import string

def generate_password(length=12):
    uppercase_letters = string.ascii_uppercase
    lowercase_letters = string.ascii_lowercase
    digits = string.digits
    special_characters = string.punctuation

    all_characters = uppercase_letters + lowercase_letters + digits + special_characters

    password = ''.join(random.choice(all_characters) for _ in range(length))
    return password

def main():
    try:
        num_passwords = int(input("Enter the number of passwords to generate: "))
        password_length = int(input("Enter the length of each password: "))
    except ValueError:
        print("Please enter valid integers.")
        return
```

```
    if num_passwords <= 0 or password_length <= 0:
        print("Please enter positive values for the number of passwords and password length.")
        return

    for i in range(num_passwords):
        password = generate_password(password_length)
        print(f"Password {i+1}: {password}")

if _name_ == "_main_":
    main()
```