

```
import random
import string
```

```
def generate_password(length=12):
    characters = string.ascii_letters + string.digits + string.punctuation
```

```
    password = ''.join(random.choice(characters) for _ in
                        range(length))
```

```
    return password
```

```
def generate_multiple_passwords(num_passwords, length=12):
    passwords = [generate_password(length) for _ in range
                (num_passwords)]
    return passwords
```

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

```
    try:
```

```
        password_length = int(input("Enter the desired
        password length:"))
```

```
        num_passwords = int(input("Enter the number of
        passwords to generate:"))
```

```
        if password_length <= 0 or num_passwords <= 0:
```

```
            print("Please enter valid values for password
            length and number of passwords.")
```

```
        else:
```

```
            passwords = generate_multiple_passwords(num_
            passwords, password_length)
```

```
            print("\nGenerated Passwords:")
```

```
            for index, password in enumerate(passwords,
            start=1):
```

```
                print(f"Password {index}: {password}")
```

```
    except ValueError:
```

```
        print("Invalid input. Please enter valid numeric
        values.")
```