```
import random
import string
import argparse
def generate_password(length, use_uppercase=True, use_lowercase=
True, use digits=True, use special chars=True):
    characters = ''
    if use_uppercase:
        characters += string.ascii uppercase
    if use lowercase:
        characters += string.ascii_lowercase
    if use_digits:
        characters += string.digits
    if use_special_chars:
        characters += string.punctuation
    if not characters:
        print(
"Error: At least one character set should be selected.")
        return None
```

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password = ''.join(random.choice(characters) for _ in range(
length))
    return password
def generate multiple passwords(num passwords, length,
use_uppercase=True, use_lowercase=True, use_digits=True,
use_special_chars=True):
    passwords = generate password(length, use uppercase,
use_lowercase, @se_digits, use_special_chars) for _ in range(
num passwords)]
    return passwords
def main():
    parser = argparse.ArgumentParser(description=
'Generate strong, secure passwords.')
    parser.add_argument('-n', '--num-passwords', type=int,
default=1, help='Number of passwords to generate')
    parser.add_argument('-l', '--length', type=int, default=12,
help='Length of each password')
    parser.add_argument('--no-uppercase', dest='use_uppercase',
action='store_false', help='Exclude uppercase letters')
    parser.add_argument('--no-lowercase', dest='use_lowercase',
action='store_false', help='Exclude lowercase letters')
    parser.add_argument('--no-digits', dest='use_digits', action
='store false', help='Exclude digits')
    parser.add_argument('--no-special-chars', dest=
'use_special_chars', action='store_false', help=
'Exclude special characters')
    args = parser.parse args()
   num_passwords = args.num_passwords
    length = args.length
```

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use uppercase = args.use uppercase
        use_lowercase = args.use_lowercase
        use digits = args.use_digits
        use_special_chars = args.use_special_chars
        passwords = generate_multiple_passwords(num_passwords,
    length, use_uppercase, use_lowercase, use_digits,
    use_special_chars)
        print(f'Generated {num_passwords} passwords of length {
    length}:')
        for i, password in enumerate(passwords, start=1):
10
            print(f'{i}. {password}')
11
12 if __name__ == '__main__':
        main()
13
```

