```python
import string
import random


if __name__ == "__main__":
    s1 = string.ascii_lowercase
    # print(s1)
    s2 = string.ascii_uppercase
    # print(s2)
    s3 = string.digits
    # print(s3)
    s4 = string.punctuation
    # print(s4)
    plen = int(input("Enter password length: "))
    s = []
    s.extend(list(s1))
    s.extend(list(s2))
    s.extend(list(s3))
    s.extend(list(s4))
    print("Your password is: ")
    print("".join(random.sample(s, plen)))
```