

# Random Password generator

create a n digit random password generator which consists atleast one digit, one uppercase alphabate, one lowercase alphabate and one special character

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In [1]: # importing all the necessary libraries
import random
import string

lower = string.ascii_lowercase
upper = string.ascii_uppercase
num = string.digits
symbols = string.punctuation

n = int(input("Enter size:"))
if n>=4:

    four_digit = list(random.choice(lower)+ random.choice(upper)+ random.choice(r
    pool1 = list((lower) + (upper) + (num) + (symbols))

    for i in range(n-4):
        four_digit.append(random.choice(pool1))

    random.shuffle(four_digit)
    print(''.join(four_digit))

else:
    print("Enter size greater or equal to 4" )
```

Enter size:40

5<"^lRg[D?io1j\*=dexj\_l'/j9uIR{Cx?b(8s|j

In [ ]: