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In [1]: import random
letter = input("enter a letter ")
print(random.randint(0,10))
```

```
enter a letter H
7
```

```
In [2]: import random

ROLLS = 10000
DICE = 5

yahtzee_count = 0

for _ in range(ROLLS):
    dice = [random.randint(1, 6) for _ in range(DICE)]

    if len(set(dice)) == 1:
        yahtzee_count += 1

percentage = (yahtzee_count / ROLLS) * 100

print("Percentage of Yahtzees:", percentage)
```

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Percentage of Yahtzees: 0.06999999999999999
```

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In [3]: sentence = input("Enter a sentence: ")
result = sentence.replace(" ", "").upper()
print("Result:", result)
```

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Enter a sentence:      python is an object oriented          programming language
Result: PYTHONISANOBJECTORIENTEDPROGRAMMINGLANGUAGE
```

```
In [6]: user_input = input("Enter a string: ")

if len(user_input) >= 5:
    new_string = user_input[:5] + '****'
else:
    new_string = user_input + '!' * (5 - len(user_input))

print("New string:", new_string)
```

```
Enter a string: sdfg
New string: sdfg!
```

```
In [4]: user_input = input("Enter a string of multiple words: ")

words = user_input.split()

first_letters = [word[0] for word in words]

result = " ".join(first_letters)

print("First letters:", result)
```

```
Enter a string of multiple words: python programming
First letters: p p
```

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In [ ]:
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