In [1]:
```
#Write a program that asks the user to enter a sentence, removes all the spaces from the sentence, converts the remainder to uppercase, and prints out the result
#taking input from the user
string = input("Enter a String : ")
result=''
#iterating the string
for i in string:
    #if the character is not a space
    if i!=' ':
        result += i
print("String after removing the spaces :",result)
print(result.upper())
```

```
Enter a String : h y d e r a b a d
String after removing the spaces : hyderabad
HYDERABAD
```

In [2]:
```
#Write a program that ask the user to enter a string that consists of multiple words. Then print out the first letter of each word, all on the same line
input_string = input("enter a string:")
words = input_string.split()
for word in words :
    print(word[0] , end='')
```

```
enter a string:chennai benguluru
cb
```

In [3]:
```
#Write a program that asks the user to enter a letter. Then it generates a random number between 1 and 10 and prints out the letter that many times
# Program to generate a random number between 1 and 10
# importing the random module
import random
print(random.randint(1,10))
```

```
1
```

In [4]:
```
#Write a program that asks the user to enter a string. If the string is at least five characters long, then create a new string that consists of the first five characters of
# Function to print the string
def printString(str, ch, count):
    occ, i = 0, 0

    # If given count is 0
    # print the given string and return
    if (count == 0):
        print(str)

    # Start traversing the string
    for i in range(len(str)):

        # Increment occ if current char
        # is equal to given character
        if (str[i] == ch):
            occ += 1

        # Break the loop if given character has
        # been occurred given no. of times
        if (occ == count):
            break

    # Print the string after the occurrence
    # of given character given no. of times
    if (i < len(str) - 1):
        print(str[i + 1: len(str) - i + 2])

    # Otherwise string is empty
    else:
        print("Empty string")


# Driver code
if __name__ == '__main__':
    str = "geeks for geeks"
    printString(str, 'e', 2)
```

```
ks for geeks
```

In [5]:
```
#In the game Yahtzee, players roll five dice. A Yahtzee is when all five dice are the same. Write a program that simulates rolling five 10,000 times and counts how many Yahtz
import random

x = "y"

while x == "y":

    # Generates a random number
    # between 1 and 6 (including
    # both 1 and 6)
    no = random.randint(1, 6)

    if no == 1:
        print("[-----]")
        print("[     ]")
        print("[  0  ]")
        print("[     ]")
        print("[-----]")
    if no == 2:
        print("[-----]")
        print("[ 0   ]")
        print("[     ]")
        print("[   0 ]")
        print("[-----]")
    if no == 3:
        print("[-----]")
        print("[     ]")
        print("[0 0 0]")
        print("[     ]")
        print("[-----]")
    if no == 4:
        print("[-----]")
        print("[0   0]")
        print("[     ]")
        print("[0   0]")
        print("[-----]")
    if no == 5:
        print("[-----]")
        print("[0   0]")
        print("[  0  ]")
        print("[0   0]")
        print("[-----]")
    if no == 6:
        print("[-----]")
        print("[0 0 0]")
        print("[     ]")
        print("[0 0 0]")
        print("[-----]")

    x = input("press y to roll again and n to exit:")
    print("\n")
```

```
[-----]
[0 0 0]
[     ]
[0 0 0]
[-----]
press y to roll again and n to exit:n
```

In [ ]:
```
```