**To display alphabet into pattern form**

* This code will print the letter "I" pattern using asterisks (\*)

def printI(n):

for row in range(n):

for col in range(n):

if ((row == 0 or row == n-1) or (col == n//2)):

print("\*",end="")

else:

print(" ",end="")

print()

n = 7

printI(n)

OUTPUT:

\*\*\*\*\*\*\*

\*

\*

\*

\*

\*

\*\*\*\*\*\*\*

* Below code to checks if the user input letter is "i" and prints its pattern accordingly.
* if the user input is not "I", it prompts the user to provide a valid input

#define a function

def printI(letter):

# to check userinput letter is lower or upper

#if letter.lower()== 'i':

if letter.upper()== 'I':

# using row and column range to access the input

for row in range(7):

for col in range(7):

# give conditions to print the pattern using asterisks (\*)

if ((row == 0 or row == 7-1) or (col == 7//2)):

print("\*",end="")

else:

# to print empty space in rest of row nd column

print(" ",end="")

# to print empty line in rest of row nd column

print()

# not a valid input prompt

else:

print("Please enter valid input")

# get an user input

letter = input("ENTER AN ALPHABET : ")

# call a specific fuction to give results

printI(letter)

WORKFLOW FUNCTION

\*\*\*\*\*\*\* row = 0

\*------> col = n//2 (exm : 7//2 is 3 )) print asterisks in col 3

\*

\*

\*

\*

\*\*\*\*\*\*\* row = n-1