

HW_Print n to 5

Problem

Submissions

Leaderboard

Discussions

Write a program to print numbers from **n to 5**.Where **n** is taken as input from user.

Input Format

A single line **n** take input from user.

Constraints

$5 \leq n \leq 10^4$

Output Format

Print numbers from **n to 5**.

Sample Input 0

10

Sample Output 0

10 9 8 7 6 5

Explanation 0

Numbers from **10 to 5** are 10 9 8 7 6 5.

Submitted Code

Language: Java 15

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         int n = sc.nextInt();
9         for(int i=n; i>=5; i--) System.out.print(i+" ");
10    }
11 }
```

5 - 5

n = 11

11, 10, 9, 8, 7, 6, 5

The problem requires a program to print multiples of **8**, starting from a given value **N** down to **1**. The value of **N** will be taken as input from the user.

Emily, a young programmer, was tasked with this challenge. She used a while loop and initialized the loop variable to the value of **N**. Inside the loop, she checked whether the loop variable was a multiple of **8** and printed it to the console if it was. Then, she decremented the loop variable by **1** until it reached **1**.

With a few attempts, Emily was able to solve the problem. She was thrilled to have completed the task and felt more confident in her programming abilities.

Input Format

For each test case, you will get **n** as an integer input.

Constraints

```
1 <= n <= 10^4
```

Output Format

Print all the multiples of **8**.

Sample Input 0

```
30
```

Sample Output 0

```
24 16 8
```

A handwritten red diagram. It consists of a circle containing the letter 'n'. An arrow points from the circle to the right, towards the number '30'.

Explanation 0

multiples of **8** till **30** is **24 16 8** .

Write a program to print Z,z,X,x,V,v,T,t,R,r,.....uptil A,a.

Input Format

No input

Constraints

NA

Output Format

Print the series in a single line as given below.

ZzYyXxWwVvUuTtSsRrQqPpOoNnMmLlKkJjIiHhGgFfEeDdCcBbAa

Sample Output 0

```
Z z Y y X x W w V v U u T t S s R r Q q P p O o N n M m L l K k J j I i H h G g F f E e D d
C c B b A a
```

Z, z, X, x, V, v, T, t, .. A, a

for (i = Z, i >= A, i--) {
 ~~system.out.print(i + " ")~~
 system.out.print(i.toLowerCase() + " ")
}

Z, Y, X, W
z, y

Z - Z =

Z, z

Meet Sarah, a software developer who is working on a new project for her company. One of the tasks she has been assigned is to write a program that takes in a **string** and returns the **string in reverse order**. Can you help Sarah come up with an algorithm to solve this problem?

Input Format

The first and the only line of each test case is a string.

Constraints

1 <= str.length() <= 10⁴

Output Format

Print the string after reversing the input string.

Sample Input 0

geekster

Sample Output 0

retskeeg

Submitted Code

Language: Java 15

```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         String str = sc.next();
9         for(int i=str.length()-1; i>=0; i--) System.out.print(str.charAt(i));
10    }
11 }
```

geekster
retskeeg

① (for)
① charAt
②
② .length()

String str = "geekster";
String ans = "";
for(int i = str.length(); i > 0; i--)
① System.out.print(str.charAt(i));
② ans += str.charAt(i);

X String Builder

inbuilt .reverse

X Stack

Take in a character as an input and manipulate it as given under

1. Condition 1: If the entered character is a **small-case** character, then

A. If the character is from character **a** and till the character **w**, both **a** and **w** included, then Jump **three** times to **right** and print the resulting character as explained in the example below,

For eg. If **a** is given then print **d**, If **b** is given then print the character **e**, If **c** is given then print the character **f**, If **w** is given then print the character **z**.

B. Else print the string **Can't jump**.

2. Condition 2: If the entered character is a **capital-case** character, then

A. If the character is from character **D** and till the character **Z**, both **D** and **Z** included, then Jump **three** times to **left** and print the resulting character as explained in the example below,

For eg. If **D** is given then print **A**, If **E** is given then print the character **B**, If **F** is given then print the character **C**, If **Z** is given then print the character **W**.

B. Else print the string **Can't jump**.

Input Format

For each test case, you will get a **ch** as an character input from the user.

Constraints

character input

Output Format

Print according to the conditions given

ch = 'a'
a b c d

char ch = sc.next().charAt(0);

if (ch >= 'a' && ch <= 'z') {

if (ch >= 'a' && ch <= 'w') {

ch = ch + 3;

System.out.print(ch);

}

else {

System.out.print("Can't jump");

}

}
else {

if (ch >= 'D' && ch <= 'Z') {

ch = ch - 3;

System.out.print(ch);

}

else

System.out.print("Can't jump");

}

}