Add if a digit

Take in a character as an input from the user

a. If the entered character is a digit, then add 100 to the value of the digit entered and print the final answer

Convert the digit which is added as a character data-type into the integer data-type using two ways,

First: By using [Use the in-built function Character.getNumericValue]

Second using: By manipulating the digit character data-type into the integer data-type.

b. Else print This is not a digit

Sample Input 0

7

Sample Output 0

107

ch > 'o' +4 ch = '9'

digit

$$int = char - '0'$$

```
1 import java.io.*;
2 import java.util.*;
4 public class Solution {
 6
      public static void main(String[] args) {
           Scanner scn = new Scanner(System.in);
           char ch = scn.next().charAt(0);
10
           if(ch >= '0' && ch <= '9'){
               int val = ch - '0';
11
12
               System.out.println(val+100);
13
           }else{
14
               System.out.println("This is not a digit");
15
16
       }
```

17 }

```
1 import java.io.*;
2 import java.util.*;
4 public class Solution {
 6
       public static void main(String[] args) {
 7
          Scanner scn = new Scanner(System.in);
 8
          char ch = scn.next().charAt(0);
9
          if(ch >= '0' && ch <= '9'){
10
               int val = Character.getNumericValue(ch);
11
               // int val = ch - '0';
13
               System.out.println(val+100);
14
          }else{
15
               System.out.println("This is not a digit");
16
17
```

18 }

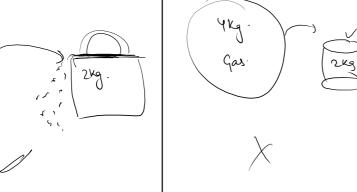
Toggle the character

e→ €

Toggle the character

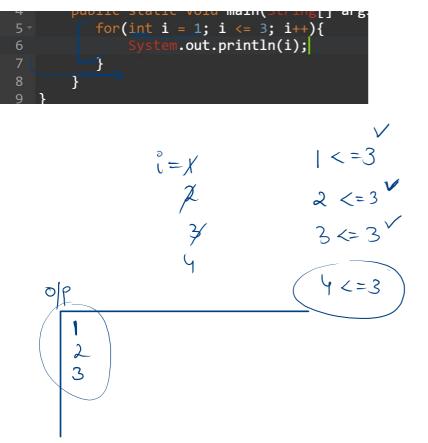
```
1 import java.io.*;
 2 import java.util.*;
 4 public class Solution {
 5
 6
      public static void main(String[] args) {
          Scanner scn = new Scanner(System.in);
8
          char x = scn.next().charAt(0);
9
          //CH - 'A' = ch - 'a'
10
11
12
          if(x >= 'a' \&\& x <= 'z'){}
                                      // e -> E
13
              System.out.println((char)(x - 'a' + 'A'));
14
          }else if(x >= 'A' && x <= 'Z'){ // E -> e
15
               System.out.println((char)(x - 'A' + 'a'));
16
17
18 }
```

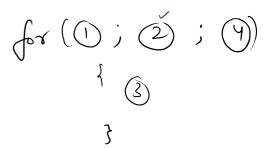
char - int int -> char 2 public class Main public class Main public static void main(String[] args) { public static void main(String[] args) { int v = c; System.out.println(v); ystem.out.println(c); 1A1 -> 65 65 → 'A' Explicit Implicit TC 2-14 ; ~+ → 4 4->2 char >2



for (int i=1; i=3; i++) System.out. println("Hi");

initialize condition 1 update Structure of for loop.





for(int i = 3; i <= 5; i++){
 System.out.println("Sorry");
}</pre>

n= 2

Print x to n

You will be given x and n as an integer input from the user. You have to print the number from x to n(both inclusive), each number in the different line.

```
eg. 2 \rightarrow \chi
S \rightarrow \eta
```

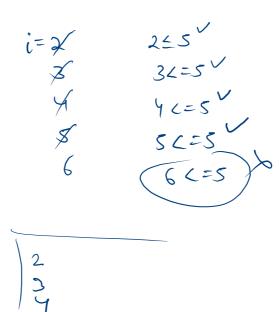
```
import java.io.*;
import java.util.*;

public class Solution {

public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int x = scn.nextInt();
    int n = scn.nextInt();

for(int i = x; i <= n; i++){
    System.out.println(i);
}

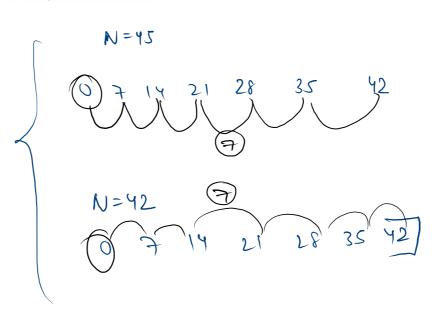
System.out.println(i);
}
</pre>
```



GKSTR11 Multiple Of 7

Problem Submissions Leaderboard Discussions

Take an integer **N** as input, and print all the multiples of **7** till **N**(inclusive).



N=45

Submitted Code

```
Language: Java 8
 1 import java.io.*;
 2 import java.util.*;
 4 public class Solution {
       public static void main(String[] args) {
           Scanner scn = new Scanner(System.in);
           int n = scn.nextInt();
 9
10
           for(int i = 0; i <= n; i = i + 7){
11
               System.out.print(i + " ");
12
13
       }
14 }
```

```
0545
  284 45
  35445
```