

CODE

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Activity_5 > src > Main > main >
Main.java x
1 import java.util.Scanner;
2
3 public class Main {
4     public static void main(String [] args ) {
5         char character, smallCharacter;
6
7         Scanner scan = new Scanner(System.in);
8         System.out.println("Enter character using phone keypad structure: ");
9         character = scan.next().charAt(0);
10        scan.close();
11
12        /*Convert Character to lowercase*/
13        smallCharacter = Character.toLowerCase(character);
14
15        //new switch statement expression of java
16        switch (smallCharacter) {
17            case '0' -> System.out.print(0);
18            case '1' -> System.out.print(1);
19            case 'a', 'b', 'c' -> System.out.println(2);
20            case 'd', 'e', 'f' -> System.out.println(3);
21            case 'g', 'h', 'i' -> System.out.println(4);
22            case 'j', 'k', 'l' -> System.out.println(5);
23            case 'm', 'n', 'o' -> System.out.println(6);
24            case 'p', 'q', 'r', 's' -> System.out.println(7);
25            case 't', 'u', 'v' -> System.out.println(8);
26            case 'w', 'x', 'y', 'z' -> System.out.println(9);
27            default -> System.out.println("Invalid input");
28        }
29    }
30 }
31 }
32 }
```

OUTPUT

