### Experiment – No-6

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| --- | --- | --- |
| Objective: Program to print character in reverse case. | | |
| Scheduled Date | Compiled Date | Submission Date |
| 27-Dec-2020 | 27-Dec-2020 | 27-Dec-2020 |

### Program : A program to print character in reverse case.

### Algorithm

Step 1: Start

Step 2: Declare variables character ‘ch’

Step 3: Read value of ch.

Step 4: Apply condition:

If

[(islower(x))putchar(toupper(x))]

Else

[(isupper(x))putchar(tulower(x))]

Step 5: Print the chacter using printf.

Step 6: Stop.

### Flowchart Segment:

Input ‘ch’

putchar

Print charcter

**Program**

//program to print character in reverse case.

#include<stdio.h>

#include<ctype.h>

void main()

{

    char x;

    printf("Enter an alphabet :");

    x = getchar();

    if (islower(x))

    putchar(toupper(x));

    else

    putchar(tolower(x));

}

### Output Screen

PS C:\Users\WIN10\Desktop\clab> gcc reverse.c

PS C:\Users\WIN10\Desktop\clab> ./a.exe

Enter an alphabet :a

A

PS C:\Users\WIN10\Desktop\clab> gcc reverse.c

PS C:\Users\WIN10\Desktop\clab> ./a.exe

Enter an alphabet :H

h