### Experiment – No-1

|  |  |  |
| --- | --- | --- |
| Objective: Program to test input character is alphabet or not. | | |
| Scheduled Date | Compiled Date | Submission Date |
| 27-Dec-2020 | 27-Dec-2020 | 27-Dec-2020 |

### Program : A program to test input character is alphabet or not.

### Algorithm

Step 1: Start

Step 2: Declare variables ‘ch’.

Step 3: print ‘Enter the character’

Step 4: Read variable ‘ch’.

Step 5: Apply condition:

If

isalpha(ch)

Step 6: Print number is Entered symbol is a character.

Step 7: Else

Step 8: Number is Entered symbol is not character.

Step 9: Stop

### Flowchart Segment:

Input

ch

Condition isalpha

(ch)

### true false

Display

“this is no character”

Display

“this is character”

**Program**

//Program to check the alphabet

#include<stdio.h>

#include<ctype.h>

void main()

{

    char ch;

    printf("Enter any Character");

    scanf("%c",&ch);

    if(isalpha(ch)){

        printf("Entered symbol is a character");

    }else{

        printf("Entered symbol is not a character");

    }

}

### Output Screen

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

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

Enter any Characterc

Entered symbol is a character

PS C:\Users\WIN10\Desktop\clab>

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

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

Enter any Character3

Entered symbol is not a character