

EX 2B

**PROGRAM TO CHECK WHETHER THE ENTERED
CHARACTER IS VOWEL OR NOT(USE SWITCH CASE)**

DATE:

AIM:

ii] Program to check whether the entered character is vowel or not(Use switch case)

ALGORITHM:

Step 1: Start

Step 2: Declare and initialize the variables

Step 3: Get the input from the user and compare with each cases

Step 4: if match found, print vowel otherwise print

consonant Step 5: End

PROGRAM:

```
#include<stdio.h>
#include<conio.h>
int main()
{ char ch;
  printf("Enter a character: ");
  scanf("%c",&ch);
  //condition to check character is alphabet or not
  if((ch>='A' && ch<='Z') || (ch>='a' && ch<='z'))
  {

    switch(ch)
    { case 'A':
      case 'E':
      case 'I':
      case 'O':
      case 'U':
      case 'a':
      case 'e':
      case 'i':
      case 'o':
      case 'u':
        printf("%c is a VOWEL.\n",ch);
```

```
        break;
    default:
        printf("%c is a CONSONANT.\n",ch); }
    } else
    { printf("%c is not an alphabet.\n",ch);
    }

    return 0;
}
```

OUTPUT:

Enter a character

E

E is a vowel

Enter a character

X

X is a consonant

Enter a character

+

+ is not an alphabet

RESULT:

Thus the C Program check whether the entered character is vowel or not (Use switch case) has been executed and the output was verified.