C program to determine wether the entered character is a vowel or consonant using switch case statement.

```c
#include <stdio.h>
#include <conio.h>
#include <ctype.h>
void type of Alphabet (char);
int main()
{
    char ch;
    printf("Enter the letter to check if it is
        a vowel or consonant :\n");
    scanf("%c", &ch);
    types of Alphabet (ch);
    getch()
    return 0;
}
    void types of Alphabet (char n) {
    int x;
    if (isalpha(n) != = 0) // 0: false, and any other
                            integer represents True.
    {
        switch (n)

        {
```

```c
        case 'a':
        case 'A':
        case 'e':
        case 'E':
        case 'i':
        case 'I':
        case 'O':
        case 'O':
        case 'u':
        case 'U':
            printf("%c is a vowel", n);
            break;
        default:
            printf("%c is a consonant.", n);
            break;
        }
    }
    else
    {
        printf("please enter a valid alphabet");
    }
    return;
}
```