

Program 4

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

```
#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);
```

```
    type_of_Alphabet (ch);
```

```
    getch();
```

```
    return 0;
```

```
}
```

```
void type_of_Alphabet (char n) {
```

```
    int n;
```

```
    if (isalpha(n) != 0)
```

```
{
```

```
        switch (n)
```

```
        { 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 0;

}