

Sec 4

1

```
#include <stdio.h>
#include <conio.h>
int is_low(char);
int is_alpha(char);
main ()
{
    char ch;
    printf("Enter a character");
    scanf("%c", &ch);
    if (is_alpha(ch))
    {
        printf("The character is alphabetic\n");
        if (is_low(ch))
            printf("The character is of lower case\n");
        else
            printf("The character is of upper case\n");
    }
    else
        printf("The character is non-alphabetic\n");
}
```

```
getch();  
return 0;  
}
```

```
int is_low(char ch)  
{
```

```
if (ch >= 97 && ch <= 122)  
    return (1);  
else  
    return (0);  
}
```

```
int is_alpha(char ch)
```

```
{  
if ((ch >= 'a' && ch <= 'z') || (ch >= 'A' && ch <= 'Z'))  
{  
    return (1);  
}  
return (0);  
}
```

output:-

Enter a character: g
The character is alphabetic
The character is of lower case.