

C day8\_q16.c &gt; ...

```
1 // Q15: Write a program to input a character and check whether it is an uppercase alphabet, lowercase alphabet, digit, or special character.
2
3 /*
4 Sample Test Cases:
5 Input 1:
6 A
7 Output 1:
8 Uppercase alphabet
9
10 Input 2:
11 a
12 Output 2:
13 Lowercase alphabet
14
15 Input 3:
16 3
17 Output 3:
18 Digit
19
20 Input 4:
21 #
22 Output 4:
23 Special character
24
25 */
26
27 #include <stdio.h>
28
29 int main() {
30     char ch;
31     scanf("%c", &ch);
32
33     if (ch >= 'A' && ch <= 'Z')
34         printf("Uppercase alphabet\n");
35     else if (ch >= 'a' && ch <= 'z')
36         printf("Lowercase alphabet\n");
37     else if (ch >= '0' && ch <= '9')
38         printf("Digit\n");
39     else
40         printf("Special character\n");
41
42     return 0;
43 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; gcc .\day8\_q16.c

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; ./a.exe

A

Uppercase alphabet

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; gcc .\day8\_q16.c

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; ./a.exe

a

Lowercase alphabet

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; gcc .\day8\_q16.c

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; ./a.exe

3

Digit

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; gcc .\day8\_q16.c

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; ./a.exe

#

Special character

PS C:\Users\drago\OneDrive\Desktop\C H.W&gt; █

[C day5\\_q10.c](#)[C 02\\_activity.c](#)[C 03\\_activity.c](#)[C max\\_perimeter.c](#)[C no\\_triangle.c](#)[C no\\_triangle1.c](#)[C ramanuja](#)**C** day8\_q16.c >  main()

```
1 // Q16: Write a program to input three numbers and find the largest among them using if-else.
2
3 /*
4 Sample Test Cases:
5 Input 1:
6 3 7 5
7 Output 1:
8 Largest is 7
9
10 Input 2:
11 -1 -5 0
12 Output 2:
13 Largest is 0
14
15 */
16
17 #include <stdio.h>
18
19 int main() {
20     int a, b, c;
21     scanf("%d %d %d", &a, &b, &c);
22
23     if (a >= b && a >= c)
24         printf("%d is the largest\n", a);
25     else if (b >= a && b >= c)
26         printf("%d is the largest\n", b);
27     else
28         printf("%d is the largest\n", c);
29
30     return 0;
31 }
32
```

[PROBLEMS](#)[OUTPUT](#)[DEBUG CONSOLE](#)[TERMINAL](#)[PORTS](#)

```
PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\day8_q16.c
```

```
PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe
```

```
3 7 5
```

```
7 is the largest
```

```
PS C:\Users\drago\OneDrive\Desktop\C H.W> gcc .\day8_q16.c
```

```
PS C:\Users\drago\OneDrive\Desktop\C H.W> ./a.exe
```

```
-1 -5 0
```

```
0 is the largest
```

```
PS C:\Users\drago\OneDrive\Desktop\C H.W> |
```