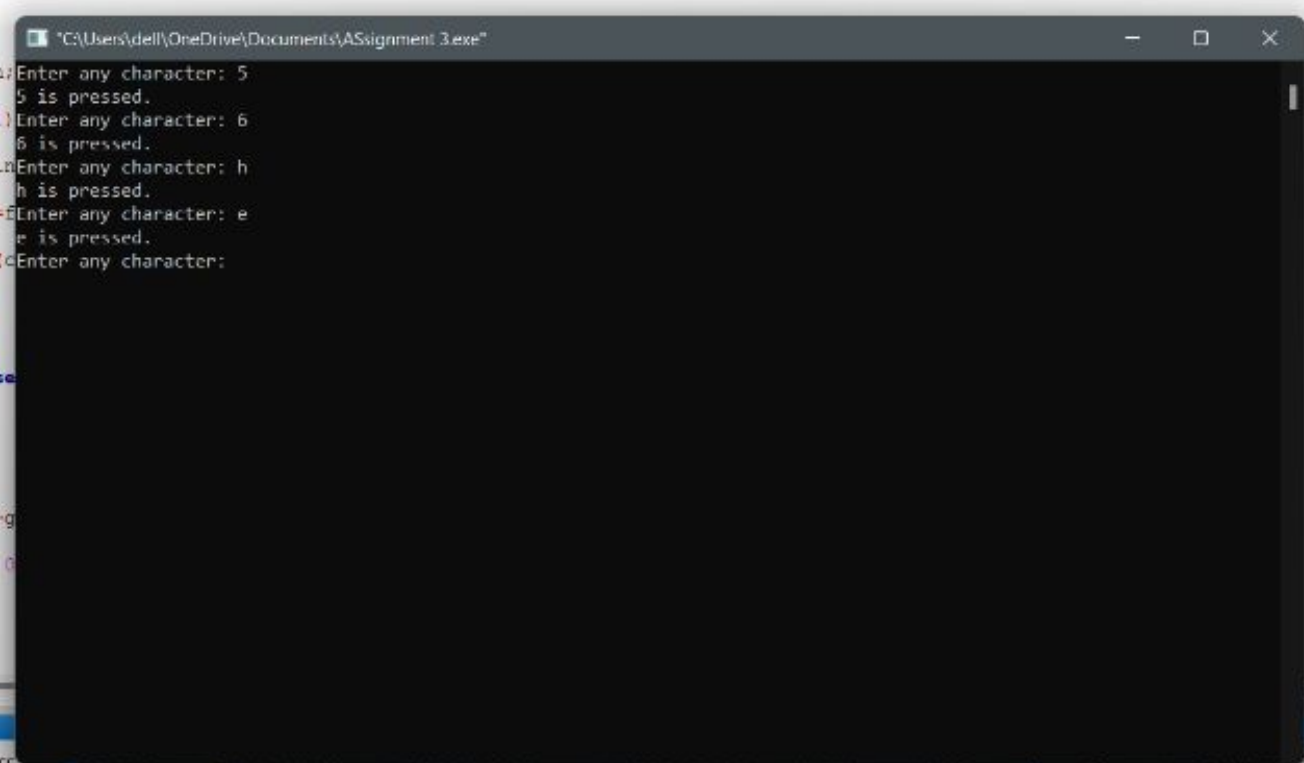




```

1  #include <stdio.h>
2
3  int main()
4  {
5      char ch; Enter any character: 5
6      5 is pressed.
7      while(1) Enter any character: 6
8      {
9          printf("Enter any character: ");
10         h is pressed.
11         ch = getchar();
12         e is pressed.
13         if(ch == '5')
14         {
15             break;
16         }
17     }
18     else
19     {
20     }
21 }
22
23
24     ch = getchar();
25 }
26     return 0;
27 }
28

```



```
1  #include<stdio.h>
2  int main()
3  {
4      char expression[50];
5      int x=0, i=0;
6      printf("\nEnter an expression");
7      scanf("%s", expression);
8
9      while(expression[i]!='\0')
10     {
11
12         if(expression[i]=='(')
13         {
14             x++;
15         }
16
17         else if(expression[i]==')')
18         {
19             x--;
20             if(x<0)
21                 break;
22         }
23         i++;
24     }
25
26     if(x==0)
27     {
28         printf("Expression is balanced");
29     }
30 }
```

```

8
9 while(expression[i]!='\0')
10 {
11     if(expression[i]=='(')
12     {
13         x++;
14     }
15
16     else if(expression[i]==')')
17     {
18         x--;
19         if(x<0)
20             break;
21     }
22     i++;
23 }
24
25 if(x==0)
26 {
27     printf("Expression is balanced");
28 }
29
30 else
31 {
32     printf("Expression is unbalanced");
33 }
34
35 return 0;
36
37

```

Directory	File	Line	Text

```
7  
8  
9 while Enter an expression()  
10 { Expression is balanced  
11   Process returned 0 (0x0)   execution time : 15.266 s  
12   Press any key to continue.  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36
```



main() : int

C:\Users\dell\OneDrive\Documents\aa.exe

```
Enter an expression(
Expression is unbalanced
Process returned 0 (0x0)   execution time : 8.694 s
Press any key to continue.
```