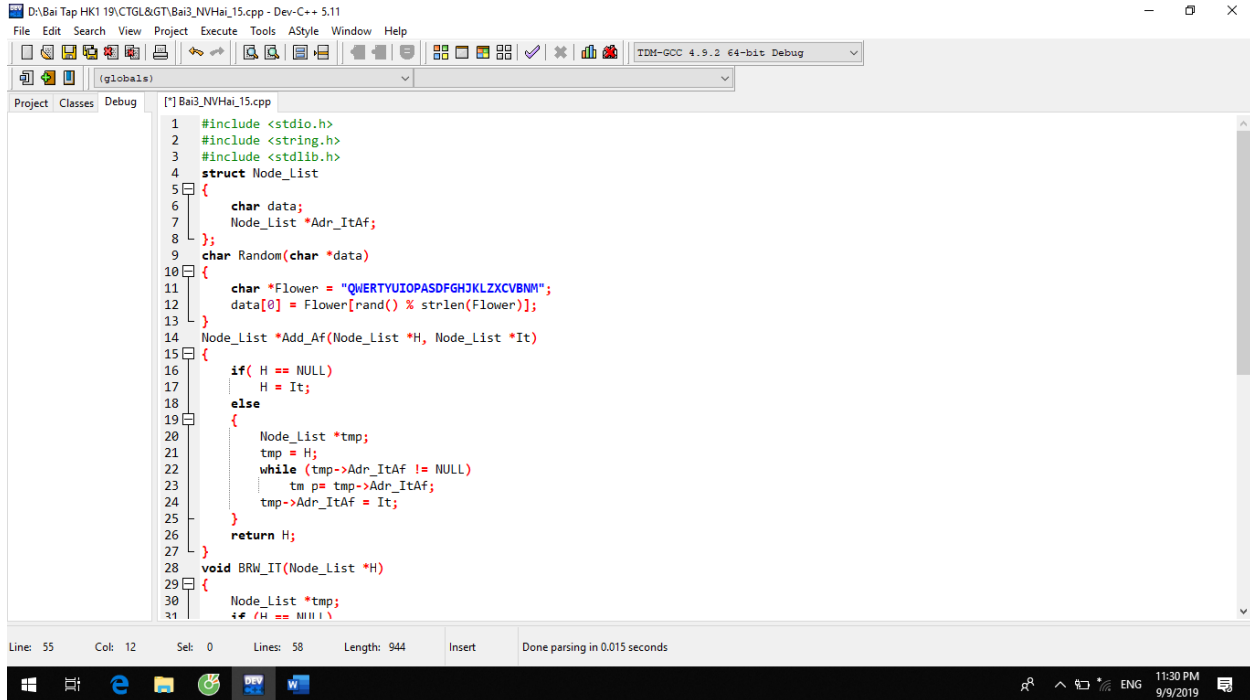
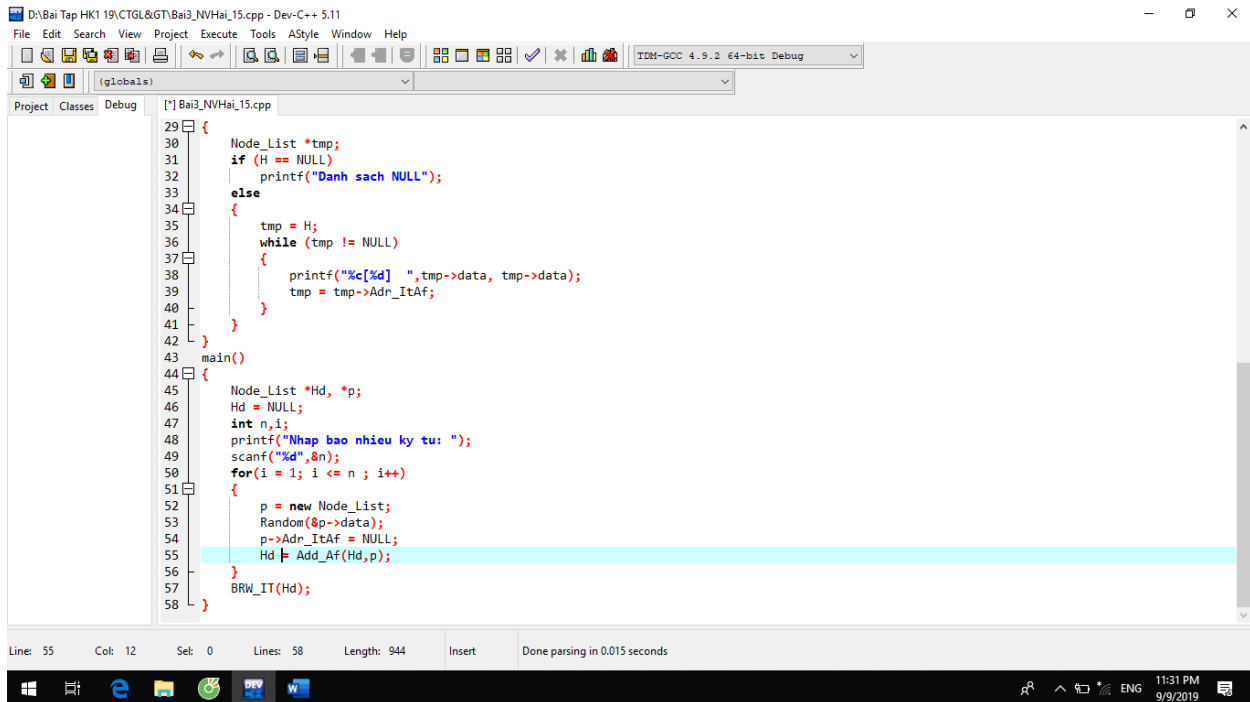


Bài Tập CTGL & GT

Code bài 3:



```
1 #include <stdio.h>
2 #include <string.h>
3 #include <stdlib.h>
4 struct Node_List
5 {
6     char data;
7     Node_List *Adr_ItAf;
8 };
9 char Random(char *data)
10 {
11     char *Flower = "QWERTYUIOPASDFGHJKLZXCVBNM";
12     data[0] = Flower[rand() % strlen(Flower)];
13 }
14 Node_List *Add_Af(Node_List *H, Node_List *It)
15 {
16     if (H == NULL)
17         H = It;
18     else
19     {
20         Node_List *tmp;
21         tmp = H;
22         while (tmp->Adr_ItAf != NULL)
23             tmp = tmp->Adr_ItAf;
24         tmp->Adr_ItAf = It;
25     }
26     return H;
27 }
28 void BRW_IT(Node_List *H)
29 {
30     Node_List *tmp;
31     // H == NULL
```



```
29 {
30     Node_List *tmp;
31     if (H == NULL)
32         printf("Danh sach NULL");
33     else
34     {
35         tmp = H;
36         while (tmp != NULL)
37         {
38             printf("%c[%d] ", tmp->data, tmp->data);
39             tmp = tmp->Adr_ItAf;
40         }
41     }
42 }
43 main()
44 {
45     Node_List *Hd, *p;
46     Hd = NULL;
47     int n,i;
48     printf("Nhap bao nhieu ky tu: ");
49     scanf("%d",&n);
50     for(i = 1; i <= n; i++)
51     {
52         p = new Node_List;
53         Random(&p->data);
54         p->Adr_ItAf = NULL;
55         Hd = Add_Af(Hd,p);
56     }
57     BRW_IT(Hd);
58 }
```

Kết quả:

The screenshot shows a C++ IDE with a project named "Bai3_NVHai_15". The code in "Bai3_NVHai_15.cpp" includes a function to traverse a linked list and a main function that prompts for the number of characters. The console output shows the program running and displaying memory addresses for characters H, I, J, U, and I. The program exits after 3.542 seconds with a return value of 0.

```
16 if( H == NULL)
17     H = It;
18 else
19 {
20     Node_List *tm
21     tmp = H;
22     while (tmp->A
23         tmp = tmp
24         tmp->Adr_ItAf
25     }
26     return H;
27 }
28 void BRW_IT(Node_List
29 {
30     Node_List *tmp;
31     if (H == NULL)
32         printf("Danh
33     else
34     {
35         tmp = H;
36         while (tmp !=
37             {
38                 printf("
39                 tmp = tmp
40             }
41     }
42 }
43 main()
44 {
45     Node_List *Hd, *p;
46     Hd = NULL;
```

Console Output:

```
Nhap bao nhieu ky tu: 5
H[72] I[73] J[74] U[85] I[73]
Process exited after 3.542 seconds with return value 0
Press any key to continue . . .
```