

```
Select D:\DS_ALGO\STUDENT_DATA_LINKED_LIST.exe
ENTER ROLL NUMBER OF THE STUDENT : 21
ENTER THE MARKS OF THE STUDENT : 91

----PRESS 1 TO ADD ELEMENT----
----PRESS 2 TO DISPLAY ELEMENT----
----PRESS 0 TO EXIT----
ENTER THE CHOICE : 1

ENTER THE NAME OF THE STUDENT : Anand
ENTER ROLL NUMBER OF THE STUDENT : 22
ENTER THE MARKS OF THE STUDENT : 92

----PRESS 1 TO ADD ELEMENT----
----PRESS 2 TO DISPLAY ELEMENT----
----PRESS 0 TO EXIT----
ENTER THE CHOICE : 1

ENTER THE NAME OF THE STUDENT : Raunak
ENTER ROLL NUMBER OF THE STUDENT : 23
ENTER THE MARKS OF THE STUDENT : 90

----PRESS 1 TO ADD ELEMENT----
----PRESS 2 TO DISPLAY ELEMENT----
----PRESS 0 TO EXIT----
ENTER THE CHOICE : 2

NAME OF STUDENTS WHO GOT ABOVE 90 MARKS ARE :
1- Siddhant
2- Anand
3- Raunak

----PRESS 1 TO ADD ELEMENT----
----PRESS 2 TO DISPLAY ELEMENT----
----PRESS 0 TO EXIT----
ENTER THE CHOICE : 0

Process exited after 81.66 seconds with return value 0
Press any key to continue . . .
```

```
D:\DS_ALGO\STUDENT_DATA_LINKED_LIST.cpp - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
(globals)
STUDENT_DATA_LINKED_LIST.cpp
1 #include<stdio.h>
2 #include<stdlib.h>
3 struct node{
4     int roll;
5     char name[20];
6     int marks;
7     struct node* next;
8 };
9 struct node* head = NULL;
10 void display()
11 {
12     struct node* temp;
13     temp = head;
14     printf("NAME OF STUDENTS WHO GOT ABOVE 90 MARKS ARE : \n");
15     int i =1;
16     while(temp!=NULL)
17     {
18         if(temp->marks>=90)
19         {
20             printf("%d- %s",i,temp->name);
21             temp = temp->next;
22             printf("\n");
23             i++;
24         }
25         printf("\n");
26     }
27 }
28 void create()
29 {
30     struct node *temp,*temp1;
31     temp = (struct node*)malloc(sizeof(struct node));
32     printf("ENTER THE NAME OF THE STUDENT : ");
33     scanf("%s",temp->name);
34     printf("ENTER ROLL NUMBER OF THE STUDENT : ");
35     scanf("%d",&temp->roll);
36     printf("ENTER THE MARKS OF THE STUDENT : ");
37     scanf("%d",&temp->marks);
38     printf("\n");
39 }
```

D:\DS_ALGO\STUDENT_DATA_LINKED_LIST.cpp - Dev-C++ 5.11

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(globale)

Project Classes Debug

STUDENT_DATA_LINKED_LIST.cpp

```
38 scanf("%d",&temp->marks);
39 printf("\n");
40 temp->next = NULL;
41 if(head==NULL)
42 {
43     head = temp;
44 }
45 else
46 {
47     temp1 = head;
48     while(temp1->next!=NULL)
49     {
50         temp1 = temp1->next;
51     }
52     temp1->next = temp;
53 }
54 }
55 int main()
56 {
57     int choice;
58     while(1)
59     {
60         printf("\n---PRESS 1 TO ADD ELEMENT---\n");
61         printf("----PRESS 2 TO DISPLAY ELEMENT----\n");
62         printf("----PRESS 0 TO EXIT----\n");
63         printf("ENTER THE CHOICE : ");
64         scanf("%d",&choice);
65         printf("\n");
66         switch(choice)
67         {
68             case 1:create();break;
69             case 2:display();break;
70             case 0:exit(0);
71             default:printf("----INVALID INPUT----\n");
72         }
73     }
74     return 0;
75 }
```

Line: 34 Col: 28 Sel: 0 Lines: 75 Length: 1390 Insert Done parsing in 0.015 seconds

Windows taskbar: 3:40 PM 8/10/2020