

VIEW STUDENT

The screenshot shows the Eclipse IDE interface. The top menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The toolbar contains various icons for file operations, editing, and running. The Project Explorer on the left shows a project named 'New folder (2)' with subfolders 'Binaries', 'Includes', 'src', 'Debug', and 'pro'. The 'src' folder is expanded, showing 'nn.c' and 'nn.cc'. The 'nn.cc' file is open in the editor, showing lines 165 and 166. Line 165 contains 'deletesstudent();' and line 166 contains 'break;'. The Console window at the bottom shows the output of the program. It starts with 'Enter ssstudent full number: MM' and 'Enter height: 100'. Then it displays two records of students: 'Record number 1' with ID 12, number AS, and height 128.000000; and 'Record number 2' with ID 8, number MM, and height 100.000000. Finally, it prompts the user to 'Choose one of the following options' with a list: 1: Add ssstudent, 2: Delete ssstudent, 3: View ssstudents, 4: Delete all, and 5: findsstudent. The user has entered '3'.

```
165     deletesstudent();
166     break;
```

Enter ssstudent full number: MM

Enter height: 100

=====

Choose one of the following options

1: Add ssstudent
2: Delete ssstudent
3: View ssstudents
4: Delete all
5: findsstudent 3

=====

Record number 1
ID: 12
number: AS
Height: 128.000000

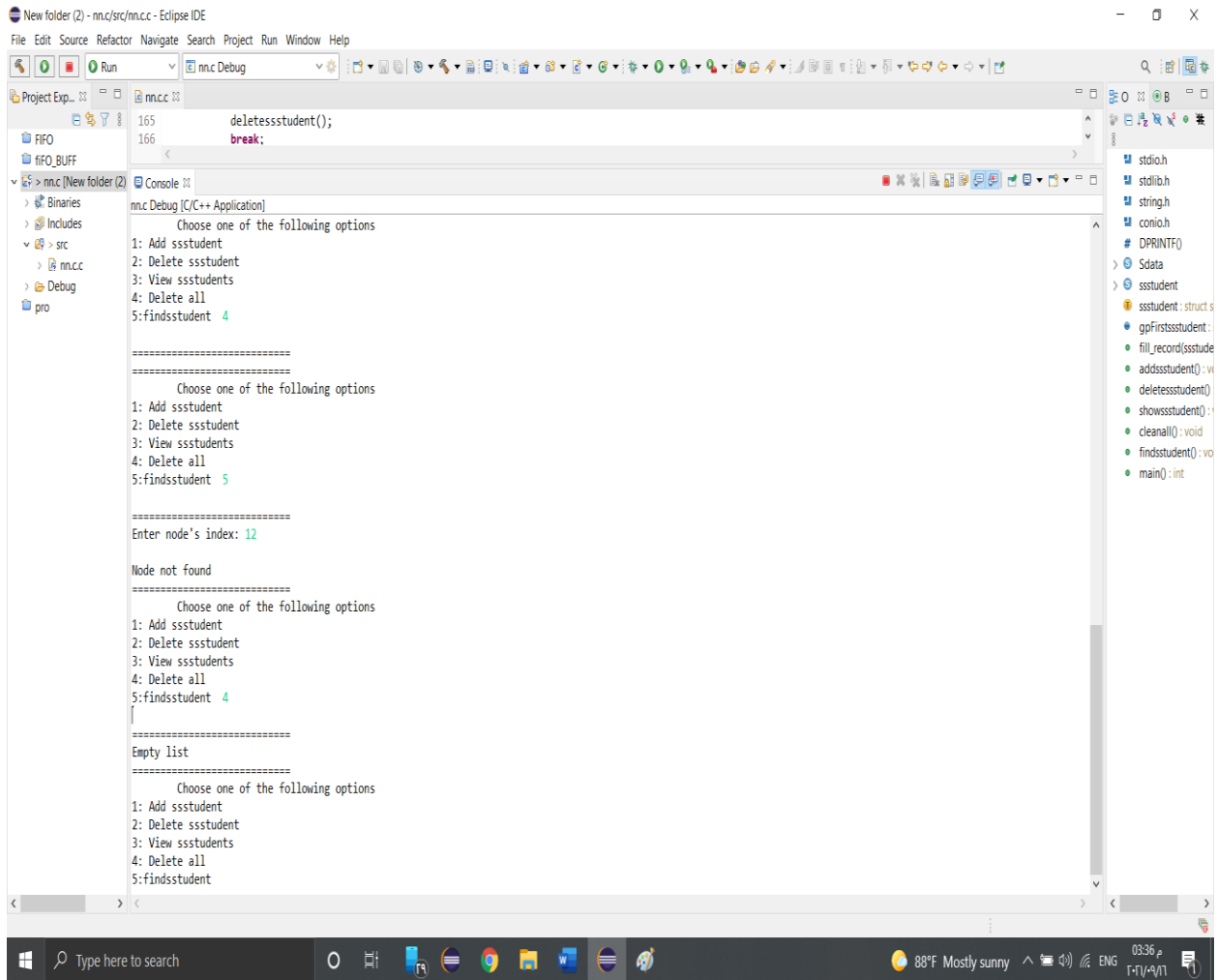
Record number 2
ID: 8
number: MM
Height: 100.000000

=====

Choose one of the following options

1: Add ssstudent
2: Delete ssstudent
3: View ssstudents
4: Delete all

DELETE STUDENT:



INSERT STUDENT

The screenshot shows the Eclipse IDE interface. The top toolbar includes icons for File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The Project Explorer on the left shows a project named 'nn.c' with a 'src' folder containing 'nn.c'. The Editor window displays the 'deletesstudent()' function in 'nn.c' at lines 165 and 166. The Console window shows the output of the program, which is a menu-driven application. The user has selected '1' to add a student, entered '12' for the ID, 'AS' for the full number, and '128' for the height. The program then displays a 'Wrong option' message and prompts for another option.

```
nn.c Debug [C/C++ Application]
=====
Choose one of the following options
1: Add ssstudent
2: Delete ssstudent
3: View ssstudents
4: Delete all
5: findsstudent 1

Enter ssstudent ID: 12

Enter ssstudent full number: AS

Enter height: 128

=====
Choose one of the following options
1: Add ssstudent
2: Delete ssstudent
3: View ssstudents
4: Delete all
5: findsstudent 12

=====
Wrong option
=====
Choose one of the following options
1: Add ssstudent
2: Delete ssstudent
3: View ssstudents
4: Delete all
5: findsstudent 1

=====
Enter ssstudent ID: 8
```

FIFO_BUFFER

The screenshot shows the Eclipse IDE with the following components:

- Project Explorer:** Shows the project structure with folders for FIFO, Binaries, Includes, src, Debug, nnc, and pro. The 'src' folder contains 'stutentprojec' (New folder (2) main).
- Editor:** Displays the 'main.c' file with the following code:


```

1 /*
2 =====
3 Name      : LIFO_BUFFER.c
4 Author    :
5 Version   :
6 Copyright : Your copyright notice
7 Description : Hello World in C, Ansi-style
8 =====
9 */
10
11
12 #include "stdlib.h"
13 #include "fifo.h"
14 #include "lifo.h"
15 element_type buffer1 [5];
16
17
18 int main() {
19     element_type i ,temp=0;
20     FIFO_buf_t uart_lifo;

```
- Outline:** Shows the project structure with files 'stdlib.h', 'fifo.h', 'lifo.h', 'buffer1: uint8_t', and 'main(): int'.
- Console:** Shows the execution output:


```

<terminated> (exit value: -1) LIFO_BUFFER.exe [C/C++ Application] E:\New folder (2)\FIFO_BUFFER\Debug\FIFO_BUFFER.exe (g T:\T1\T1\T1\T1\T1\T1)
fifo int
fifo done 0
fifo done 1
fifo done 2
fifo done 3
fifo done 4

====FIFO PRINT====
(0)
(1)
(2)
(3)
(4)

=====
lifo de done 0
lifo de done 1

====FIFO PRINT====
(0)

```