

```
1  /**
2   * Use a data structure to hold student names and GPAs. Print out the information
3   */
4  #include <cs50.h>
5  #include <stdio.h>
6
7  #include "student.h"
8
9  int main(int argc, string argv[])
10 {
11     int enrollment = get_int("Enrollment: ");
12     printf("\n");
13
14     // Allocate space to store the student information
15     student school[enrollment];
16
17     // Prompt the user for each students' information
18     for (int i = 0; i < enrollment; i++)
19     {
20         printf("Student #%i\n", i + 1);
21         printf("\t");
22         school[i].name = get_string("Name: ");
23         printf("\t");
24         school[i].gpa = get_float("GPA: ");
25         printf("\n");
26     }
27
28     // Print out the GPAs
29     for (int i = 0; i < enrollment; i++)
30     {
31         printf("%s has a gpa of %.3f\n", school[i].name, school[i].gpa);
32     }
33
34     // Success
35     return 0;
36 }
```