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1 #include <stdio.h>
2 #include <stdlib.h>
3 #include <string.h>
4 #include <math.h>
5 #include <time.h>
6
7 void student_detail()
8 {
9     time_t t;
10    time(&t);
11    printf("\nStudent's Enrolment No. ");
12    printf("210130107032 \n");           // Enrolment no.
13    printf("Student's Name: ");
14    printf("Kirtan Anghan \n");          // name of the student
15    printf("Practical no. ");
16    printf("1 \n");                       //practical no.
17    printf("Practical AIM: ");
18    printf("Introduction to pointers. Call by Value and Call by reference.
19    \n"); //Aim of practical
20    printf("This program has been written at (date and time) : %s \n\n",
21    ctime(&t));
22 }
23 void swap(int, int);
24 int main()
25 {
26     student_detail();
27
28     int a = 10;
29     int b = 20;
30     printf("Before swapping the values in main a = %d, b = %d\n", a, b);
31     swap(a, b);
32     printf("After swapping values in main a = %d, b = %d\n", a, b);
33     printf("\n\n");
34
35     return 0;
36 }
37 void swap(int a, int b)
38 {
39     int temp;
40     temp = a;
41     a = b;
42     b = temp;
43     printf("After swapping values in function a = %d, b = %d\n", a, b);
44 }

```