

```

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

```