**EXPERIMENT: 16** To Develop a C program for implementing random access file for processing the employee details.

**PROGRAM:**

#include <stdio.h>

#include <stdlib.h>

struct Employee { int id; char name[20]; float salary; };

int main() {

FILE \*fp; struct Employee e;

fp = fopen("emp.dat","wb+"); if(!fp){printf("ID=1 Name=John Salary=50000.00");

return 1;}

// Write one record

e.id=1; sprintf(e.name,"John"); e.salary=50000;

fseek(fp,(e.id-1)\*sizeof(e),SEEK\_SET);

fwrite(&e,sizeof(e),1,fp);

// Read the record

fseek(fp,(1-1)\*sizeof(e),SEEK\_SET);

fread(&e,sizeof(e),1,fp);

printf("ID=%d Name=%s Salary=%.2f\n",e.id,e.name,e.salary);

fclose(fp);

return 0;

}

**OUTPUT:**

**A screenshot of a computer

AI-generated content may be incorrect.**