**COMPUTER SCIENCE**

**C++ (083)**

**PROJECT FILE**

**EMPLOYEE**

**MANAGEMENT**

**SYSTEM**

**RITEK ROUNAK**

**XII-A, ROLLNO. 27**

**(2019-2020)**

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Then I would like to thank my parents and friends who have helped me with their valuable suggestions and guidance has been helpful in various phases of completion of the project.

Last but not the least I would like to thank my classmates who have helped me a lot.

**RITEK ROUNAK**

**XII – A**

**Roll No. 27**

CERTIFICATE

This is to certify that RITEK ROUNAK of class XII-A has successfully completed this computer project on the topic “**EMPLOYEE MANAGEMENT SYSTEM** ” prescribed by Mrs. Vidushi Garg, during academic session 2019 - 2020 as per the guideline’s issues by Central Board of Secondary Education.

Mrs. Vidushi Garg

ABOUT THE PROJECT

This project is basically for the users who want to develop C++ menu driven programs and building application through their real life. It contains on assumed example of an organization. It interacts with regards to the employee management, salary behavior of about more than 100 employees. It comprises a menu driven program, and includes number of options, procedure for each selective option with a complete class declaration of OOPs concept.

According to the requirements, the program deals with certain attributes like:

ename - Employee Name

ecode - Employee Code

bsalary - Employee Basic Salary

edsg - Employee Designation

eaddress - Employee Address

HEADER FILES USED

|  |  |  |
| --- | --- | --- |
| FILE NAME | FUNCTION USED IN PROJECT | PURPOSE IN PROJECT |
| 1. fstream.h | 1. fout, cout 2. fin, cin | 1. To Display the Object. 2. To Input the Object. |
| 1. conio.h | 1. clrscr(); 2. getch(); 3. textcolor(); 4. textbackground(); 5. cprintf(); | 1. To clear the output screen. 2. To pause the output   Screen for viewing the result.   1. To change the text Colour 2. To change the text background Colour 3. To Print the statement |
| 1. stdio.h | 1. puts(); 2. gets(); | 1. It writes line to o/p screen 2. It reads line from keyboard |
| 1. process.h | 1. exit(0); | 1. To exit from the output screen |
| 1. string.h | 1. strcpy (); 2. strcmpi (); | 1. Copies str2 into str1 2. Same as strcmp() function. But, this function negotiates case. “A” and “a” are treated as same |
| 1. iomainp.h | 1. setprecision(); 2. setw(); | 1. changes floating-point precision 2. changes the width of the next input/output field |
| 1. dos.h | 1. delay(); | 1. delay function is used to suspend execution of a program for a particular time. |

FUNCTIONS USED IN PROJECT

|  |  |
| --- | --- |
| FUNCTION USED IN PROJECT | PURPOSE IN PROJECT |
| readdata() | To read the details of employee |
| printdata() | To display the details of employee |
| calsalary() | To Calculate Salary |
| ret\_netsalary() | To return Net salary |
| ret\_bsalary() | To return basic salary |
| ret\_ecode() | To return Employee Code |
| ret\_ename() | To return Employee Name |
| ret\_edsg() | To return Employee Designation |
| ret\_hra() | To return Employee Name |
| ret\_tr() | To return Travelling allowance |
| ret\_da() | To return Dearness Allowance |
| ret\_it() | To return Income Tax |
| ret\_pf() | To return Provident Fund |
| salary() | To print Salary Slip |
| displayRecord() | To display Record of Desired Employee |
| create() | To create Record of Employee |
| display() | To display Record of Employee |
| display\_salary() | To display Employee Salary |
| code\_search() | To Search Employee Record by Employee Code |
| name\_search() | To Search Employee Record by Employee Name |
| modify() | To Modify Record of Employee |
| delete1() | To Delete Desired Record of Employee |
| dsg\_search() | To Search Employee Record by Employee Designation |
| sal\_search() | To Search Employee Record by Employee Salary |
| intro() | Display Introduction of Program |