

Program 12

Write a C++ program that will read 10 records into an array from a data file. Each record should contain an employee ID, hours worked and pay rate. You should calculate a total pay and then write the record to an output file. The Record written should consist of Employee ID, hours worked, pay rate and total pay.

Description	DataType	Variables
Employee IDs	of INT	employees_jd
Hours Worked	of DOUBLE	hrworked_jd
Pay Rate	of DOUBLE	payrate_jd
Total Pay	of Double	total_pay

Excluding the main function, your program should have three additional functions that will **get** the employee id, hours worked, and payrate; another to **calculate** the total pay; and another to **write** your output to the output file.

Total pay should be calculated by multiplying the hours worked by pay rate plus 1.5 overtime rate for any time over forty (40).

Note: _jd represents the initials of the programmer. Your function names should be named by replacing the initials jd with your first and last initials

	Read Input File	Calculate Pay	Output Results
Name of function	get_jd	calc_jd	prt_jd
Properties of function	Called from main	Called from main	Called from main
Definition of Function	Should pass employee id, hours worked and payrate	Should pass hours worked and payrate and calculate total pay	Should pass employee id, hours worked, payrate and total pay and write data