Programming with Persistent Data Assignment

Employee Database Pseudocode:

PROGRAM: Employee Database using files (The Main)

START;

Read A;

IF (A == 1)

AddEmployee();

IF (A == 2)

DeleteEmployee();

IF (A == 3)

ListEmployee();

IF (A == 4)

CompactRecord();

IF (A == 5)

Return;

END;

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PROGRAM: AddEmployee()

START;

Read Employee Record;

Total Records++;

Write to file;

END;

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PROGRAM: DeleteEmployee()

START;

Read Deleted Employee;

IF (Employee == Deleted Employee)

Employee[0] = \*;

DeletedRecords++;

END IF;

END;

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PROGRAM: ListEmployee()

PROGRAM: CompactRecord()

START;

WHILE (filestream == 1)

IF ( Employee[0] != \*)

Write Employee to file;

END IF;

END WHILE;

END;