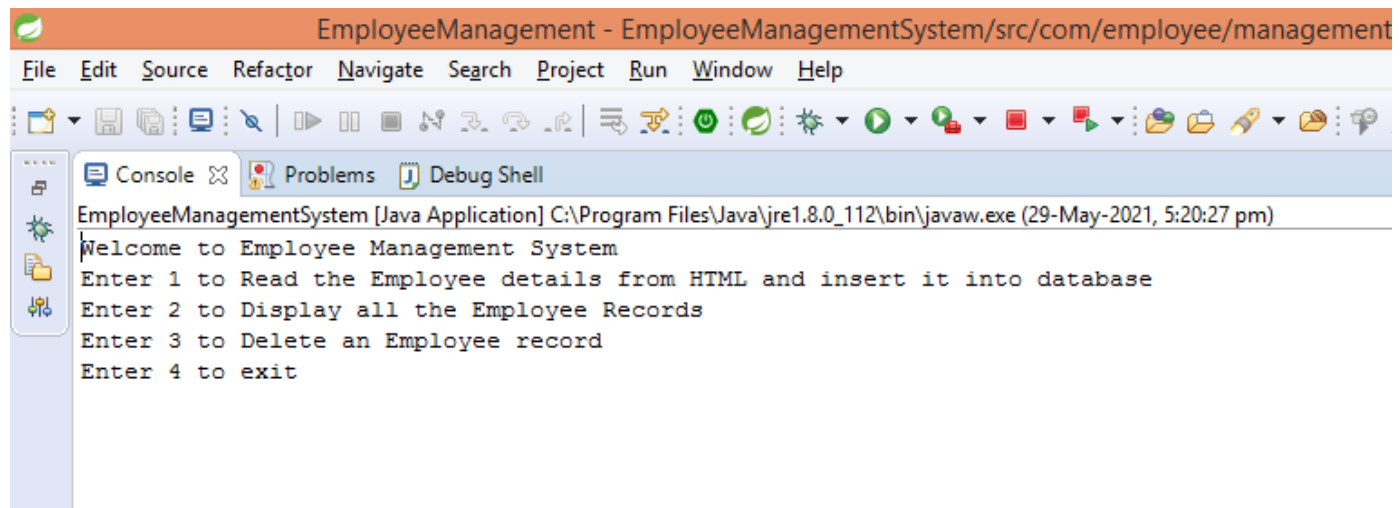


Employee Management System is designed to read below Options from User.

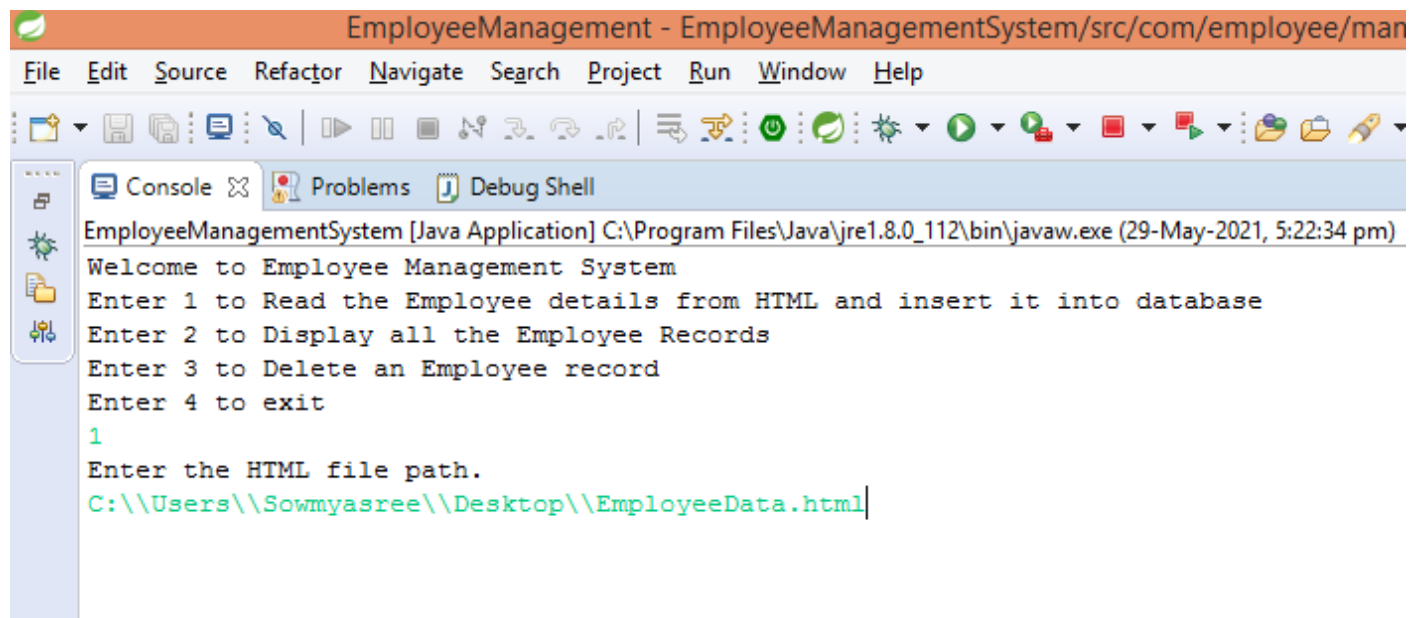


The screenshot shows an IDE window titled "EmployeeManagement - EmployeeManagementSystem/src/com/employee/management". The console output displays the following text:

```
EmployeeManagementSystem [Java Application] C:\Program Files\Java\jre1.8.0_112\bin\javaw.exe (29-May-2021, 5:20:27 pm)
Welcome to Employee Management System
Enter 1 to Read the Employee details from HTML and insert it into database
Enter 2 to Display all the Employee Records
Enter 3 to Delete an Employee record
Enter 4 to exit
```

Option 1 :-

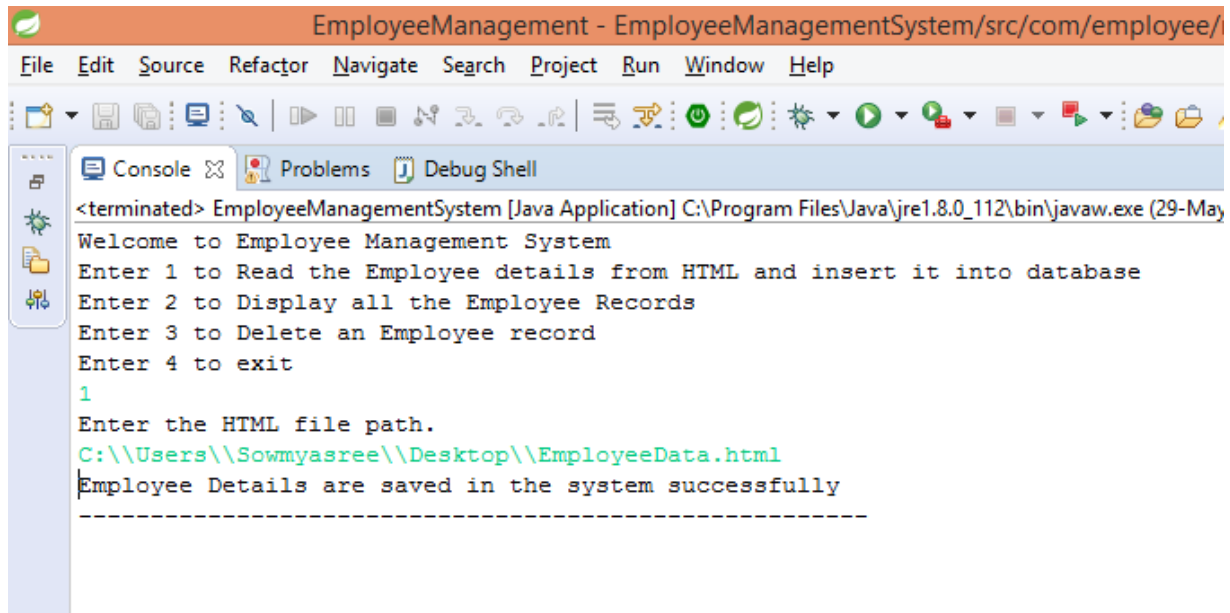
This option will allow the user to save the Employee records based on the HTML file path provided.



The screenshot shows the same IDE window as before, but the console output has progressed. The user has entered '1' and the system has prompted for the HTML file path. The output is as follows:

```
EmployeeManagementSystem [Java Application] C:\Program Files\Java\jre1.8.0_112\bin\javaw.exe (29-May-2021, 5:22:34 pm)
Welcome to Employee Management System
Enter 1 to Read the Employee details from HTML and insert it into database
Enter 2 to Display all the Employee Records
Enter 3 to Delete an Employee record
Enter 4 to exit
1
Enter the HTML file path.
C:\\Users\\Sowmyasree\\Desktop\\EmployeeData.html
```

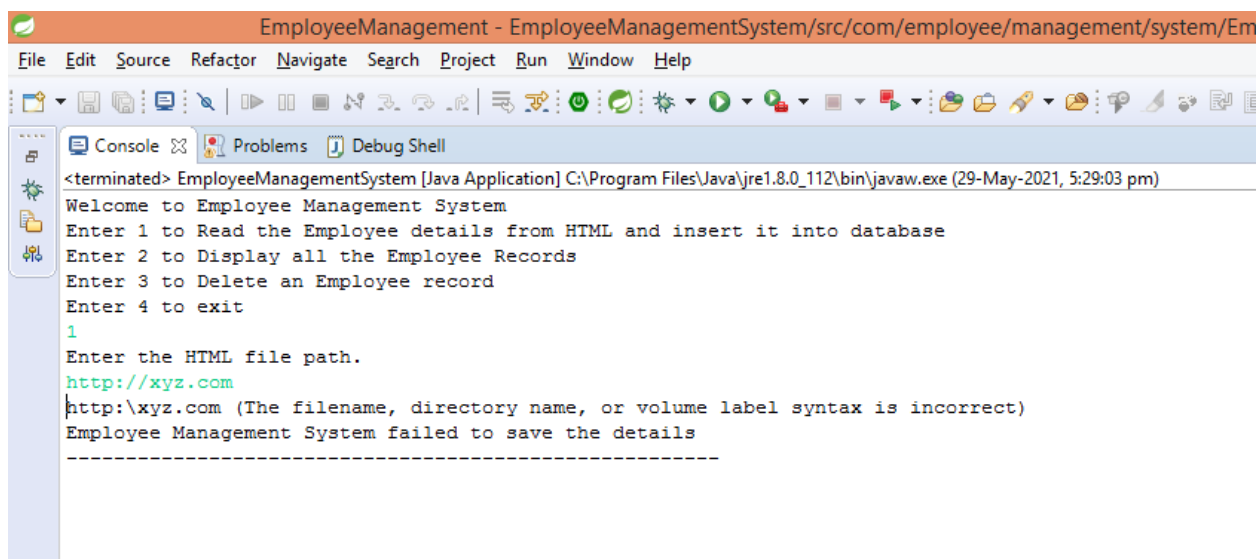
When there is a valid file path provided, employee details will be fetched from the HTML file and will be saved onto MySQL DB with a successful message returned to the user.



The screenshot shows an IDE window titled "EmployeeManagement - EmployeeManagementSystem/src/com/employee/". The console output is as follows:

```
<terminated> EmployeeManagementSystem [Java Application] C:\Program Files\Java\jre1.8.0_112\bin\javaw.exe (29-May-2021, 5:29:03 pm)
Welcome to Employee Management System
Enter 1 to Read the Employee details from HTML and insert it into database
Enter 2 to Display all the Employee Records
Enter 3 to Delete an Employee record
Enter 4 to exit
1
Enter the HTML file path.
C:\\Users\\Sowmyasree\\Desktop\\EmployeeData.html
Employee Details are saved in the system successfully
-----
```

Incase user enters an invalid path, the system will return an error message as below.

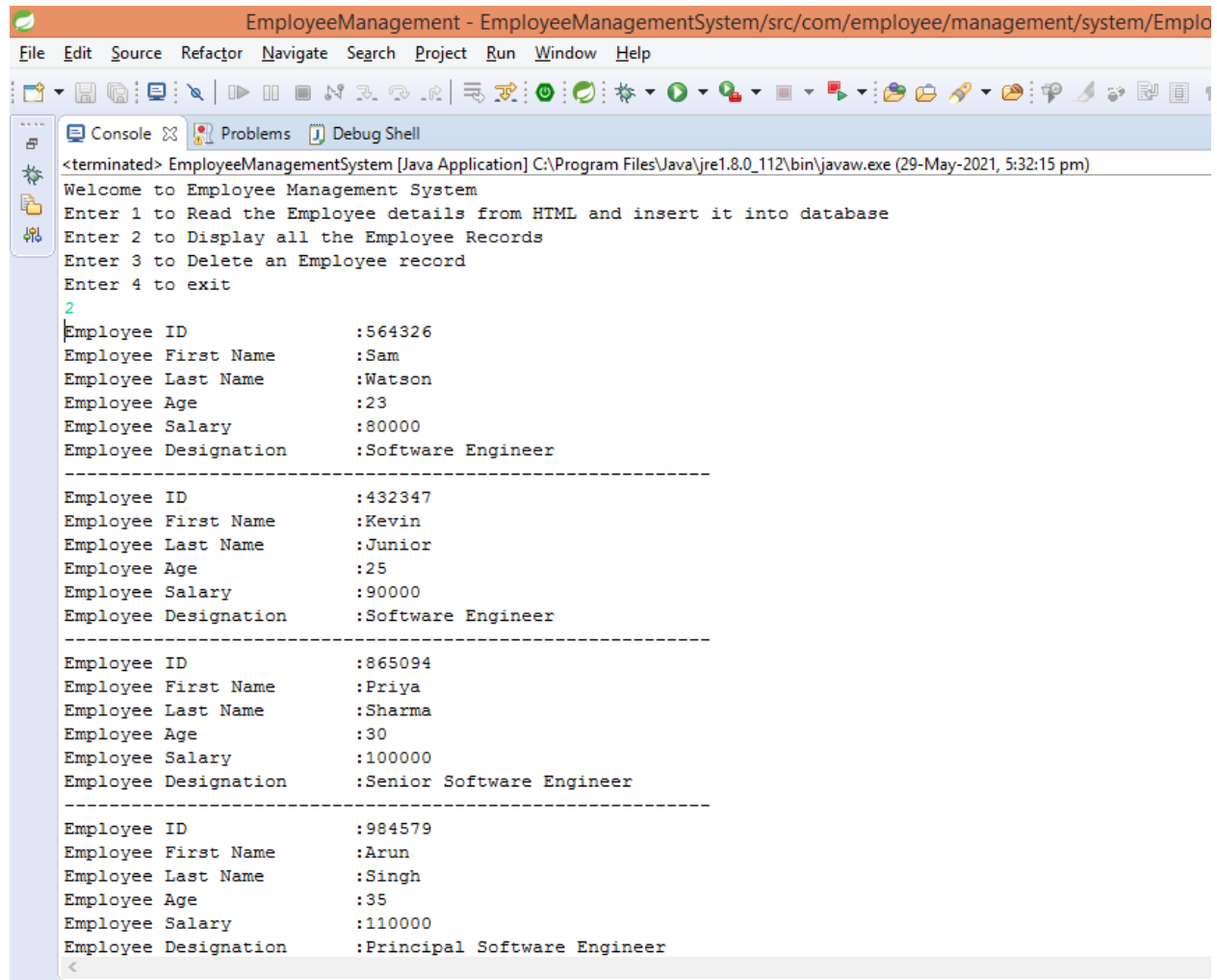


The screenshot shows the same IDE window, but the console output now includes an error message:

```
<terminated> EmployeeManagementSystem [Java Application] C:\Program Files\Java\jre1.8.0_112\bin\javaw.exe (29-May-2021, 5:29:03 pm)
Welcome to Employee Management System
Enter 1 to Read the Employee details from HTML and insert it into database
Enter 2 to Display all the Employee Records
Enter 3 to Delete an Employee record
Enter 4 to exit
1
Enter the HTML file path.
http://xyz.com
http:\xyz.com (The filename, directory name, or volume label syntax is incorrect)
Employee Management System failed to save the details
-----
```

Option 2:-

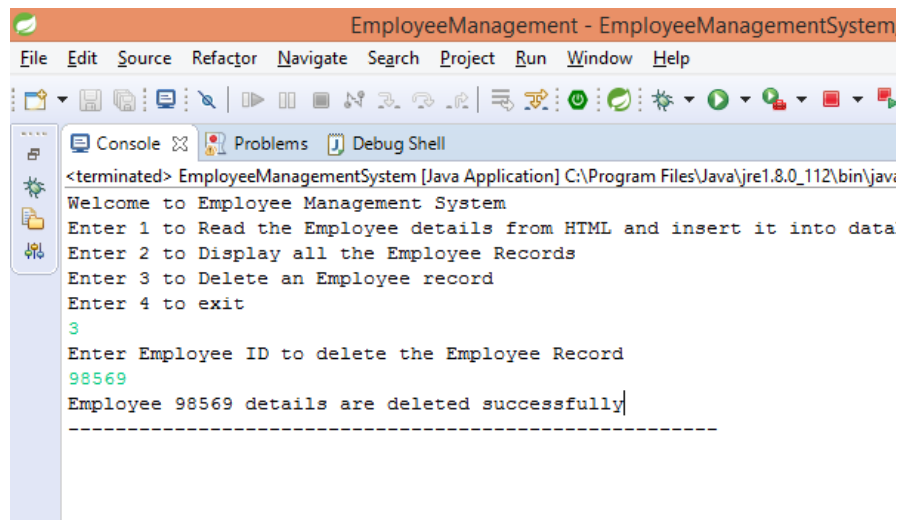
This option will allow a user to see all the Employee records saved in the Employee Management System sorted based on Employee Salary.



```
EmployeeManagement - EmployeeManagementSystem/src/com/employee/management/system/Empl
File Edit Source Refactor Navigate Search Project Run Window Help
<terminated> EmployeeManagementSystem [Java Application] C:\Program Files\Java\jre1.8.0_112\bin\javaw.exe (29-May-2021, 5:32:15 pm)
Welcome to Employee Management System
Enter 1 to Read the Employee details from HTML and insert it into database
Enter 2 to Display all the Employee Records
Enter 3 to Delete an Employee record
Enter 4 to exit
2
Employee ID           :564326
Employee First Name   :Sam
Employee Last Name    :Watson
Employee Age          :23
Employee Salary       :80000
Employee Designation  :Software Engineer
-----
Employee ID           :432347
Employee First Name   :Kevin
Employee Last Name    :Junior
Employee Age          :25
Employee Salary       :90000
Employee Designation  :Software Engineer
-----
Employee ID           :865094
Employee First Name   :Priya
Employee Last Name    :Sharma
Employee Age          :30
Employee Salary       :100000
Employee Designation  :Senior Software Engineer
-----
Employee ID           :984579
Employee First Name   :Arun
Employee Last Name    :Singh
Employee Age          :35
Employee Salary       :110000
Employee Designation  :Principal Software Engineer
<
```

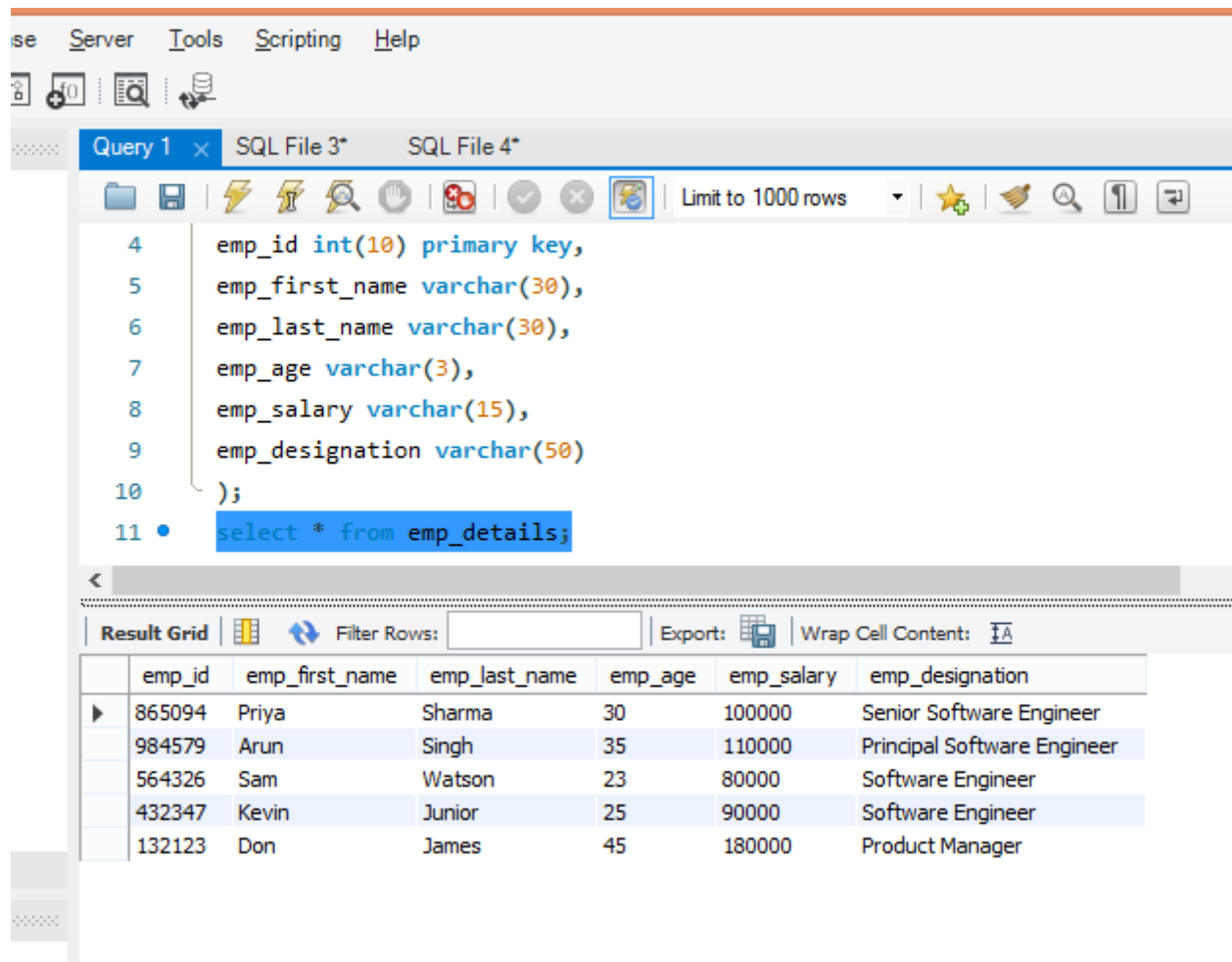
Option 3:-

Option 3 allows the user to delete an Employee record based on Employee ID.



```
EmployeeManagement - EmployeeManagementSystem
File Edit Source Refactor Navigate Search Project Run Window Help
<terminated> EmployeeManagementSystem [Java Application] C:\Program Files\Java\jre1.8.0_112\bin\javaw.exe
Welcome to Employee Management System
Enter 1 to Read the Employee details from HTML and insert it into data
Enter 2 to Display all the Employee Records
Enter 3 to Delete an Employee record
Enter 4 to exit
3
Enter Employee ID to delete the Employee Record
98569
Employee 98569 details are deleted successfully
-----
```

DB Screenshot after deletion:



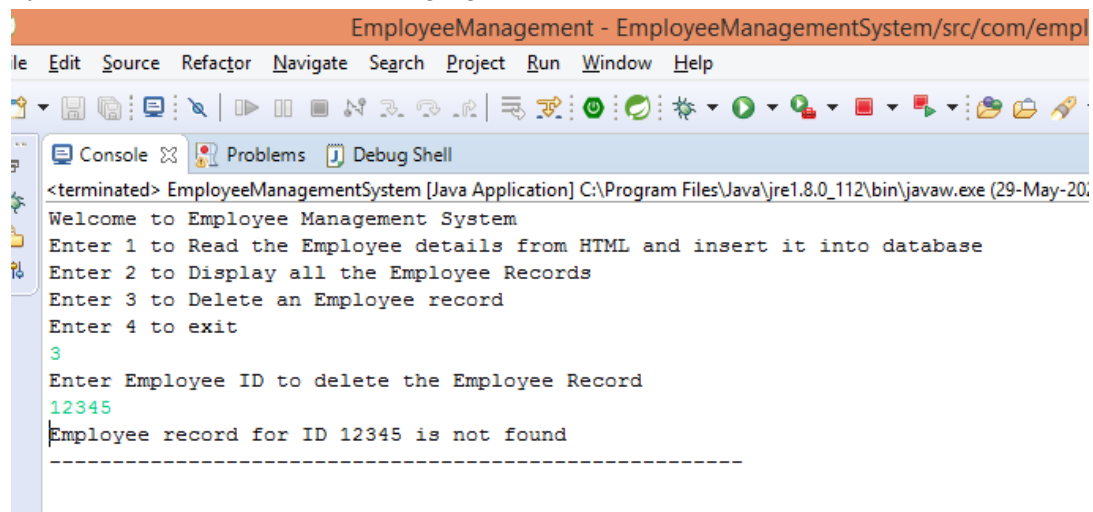
The screenshot shows a database management tool interface. The top menu bar includes 'File', 'Server', 'Tools', 'Scripting', and 'Help'. Below the menu is a toolbar with various icons. The main window displays two tabs: 'Query 1' and 'SQL File 3*'. The 'Query 1' tab is active, showing the following SQL code:

```
4 emp_id int(10) primary key,  
5 emp_first_name varchar(30),  
6 emp_last_name varchar(30),  
7 emp_age varchar(3),  
8 emp_salary varchar(15),  
9 emp_designation varchar(50)  
10 );  
11 • select * from emp_details;
```

Below the SQL editor is a 'Result Grid' section. It includes a 'Filter Rows' input field, an 'Export' button, and a 'Wrap Cell Content' checkbox. The grid displays the following data:

emp_id	emp_first_name	emp_last_name	emp_age	emp_salary	emp_designation
865094	Priya	Sharma	30	100000	Senior Software Engineer
984579	Arun	Singh	35	110000	Principal Software Engineer
564326	Sam	Watson	23	80000	Software Engineer
432347	Kevin	Junior	25	90000	Software Engineer
132123	Don	James	45	180000	Product Manager

When a user provides an Employee ID that does not exist in the Employee Management System, there is an error message given as below.



The screenshot shows a Java application window titled 'EmployeeManagement - EmployeeManagementSystem/src/com/empl'. The console output is as follows:

```
<terminated> EmployeeManagementSystem [Java Application] C:\Program Files\Java\jre1.8.0_112\bin\javaw.exe (29-May-2020)  
Welcome to Employee Management System  
Enter 1 to Read the Employee details from HTML and insert it into database  
Enter 2 to Display all the Employee Records  
Enter 3 to Delete an Employee record  
Enter 4 to exit  
3  
Enter Employee ID to delete the Employee Record  
12345  
Employee record for ID 12345 is not found  
-----
```

Option 4:-

Simply exits the user from Employee Management System.