

# Screen capture of program execution

## Output from the console:

The screenshot shows the OpenCOBOL IDE interface. The top toolbar includes icons for file operations and execution. The 'File system' pane on the left shows a project structure with files like 'CST 82...', 'EmployeeData.txt', and several 'Meet\_M...' files. The main editor displays the source code of 'Project\_Meet\_Maheta.cob' with three lines: 1. \*> Author: Meet Maheta, 2. \*> Date: 11-06-2024, 3. \*> Purpose: Project. Below the editor is the 'Logs' pane, which has tabs for 'Compiler', 'Issues', and 'Output'. The 'Output' tab is active, showing the following text: C:\Users\mmb07\Desktop\BP\Project\bin\Project\_Meet\_Maheta.exe, Do you want to enter a new record? (Y/N), Y, Enter Employee ID (6 digits): 123456, Enter Department Code (3 digits): 123, Enter First Name (max 20 chars): Meet, Enter Last Name (max 20 chars): Maheta, Enter Years of Service (2 digits): 5, Record saved successfully. Do you want to enter a new record? (Y/N), N. Below this text is a table with columns: EmployeeID, DeptCode, FirstName, LastName, ServiceYears. The table contains one row of data: 123456, 123, Meet, Maheta, 05. The status bar at the bottom indicates 'Free format 9:29 cp1252'.

```
Project_Meet_Maheta.cob [C:\Users\mmb07\Desktop\BP\Project\Project_Meet_Maheta.cob] - OpenCOBOLIDE 4.7.6
File Edit View COBOL ?
1 *> Author: Meet Maheta
2 *> Date: 11-06-2024
3 *> Purpose: Project

Logs
Compiler Issues Output
C:\Users\mmb07\Desktop\BP\Project\bin\Project_Meet_Maheta.exe
Do you want to enter a new record? (Y/N)
Y
Enter Employee ID (6 digits):
123456
Enter Department Code (3 digits):
123
Enter First Name (max 20 chars):
Meet
Enter Last Name (max 20 chars):
Maheta
Enter Years of Service (2 digits):
5
Record saved successfully.
Do you want to enter a new record? (Y/N)
N
EmployeeID      DeptCode      FirstName      LastName      ServiceYears
-----
123456      123      Meet      Maheta      05
-----

C:\Users\mmb07\Desktop\BP\Project\Project_Meet_Maheta.cob
Free format 9:29 cp1252
```

## Output of txt file:

The screenshot shows the OpenCOBOL IDE interface with the 'EmployeeData.txt' file open. The 'File system' pane on the left shows the project structure. The main editor displays the content of 'EmployeeData.txt' with two lines: 2. 123456123Maheta Meet 05, 3. (empty line). Below the editor is the 'Logs' pane, which has tabs for 'Compiler', 'Issues', and 'Output'. The 'Output' tab is active, showing the following text: Enter Years of Service (2 digits): 5, Record saved successfully. Do you want to enter a new record? (Y/N), N. Below this text is a table with columns: EmployeeID, DeptCode, FirstName, LastName, ServiceYears. The table contains one row of data: 123456, 123, Meet, Maheta, 05. The status bar at the bottom indicates 'Free format 3:1 cp1252'.

```
EmployeeData.txt [C:\Users\mmb07\Desktop\BP\Project\EmployeeData.txt] - OpenCOBOLIDE 4.7.6
File Edit View COBOL ?
2 123456123Maheta Meet 05
3

Logs
Compiler Issues Output
Enter Years of Service (2 digits):
5
Record saved successfully.
Do you want to enter a new record? (Y/N)
N
EmployeeID      DeptCode      FirstName      LastName      ServiceYears
-----
123456      123      Meet      Maheta      05
-----

Process finished with exit code 0

C:\Users\mmb07\Desktop\BP\Project\EmployeeData.txt
Free format 3:1 cp1252
```

## Output of test data in Console:

Project\_Meet\_Maheta.cob [C:\Users\mmb07\Desktop\BP\Project\Project\_Meet\_Maheta.cob] - OpenCobolIDE 4.7.6

File Edit View COBOL ?

File system

Project

- CST 82...
- Employ...
- Meet\_M...
- Meet\_M...
- Meet\_M...
- Meet\_M...
- Project\_...
- Project\_...

```
1      *> Author: Meet Maheta
2      *> Date: 11-06-2024
3      *> Purpose: Project
      *> Compiler: cobc
```

Logs

Compiler Issues Output

Enter Employee ID (6 digits):  
654321  
Enter Department Code (3 digits):  
123  
Enter First Name (max 20 chars):  
Sheela  
Enter Last Name (max 20 chars):  
Franks  
Enter Years of Service (2 digits):  
21  
Record saved successfully.  
Do you want to enter a new record? (Y/N)  
Y  
Enter Employee ID (6 digits):  
111222  
Enter Department Code (3 digits):  
321  
Enter First Name (max 20 chars):  
Laks  
Enter Last Name (max 20 chars):  
Kumaran  
Enter Years of Service (2 digits):  
35  
Record saved successfully.  
Do you want to enter a new record? (Y/N)  
N

EmployeeID	DeptCode	FirstName	LastName	ServiceYears
654321	123	Sheela	Franks	21
111222	321	Laks	Kumaran	35

Process finished with exit code 0

C:\Users\mmb07\Desktop\BP\Project\Project\_Meet\_Maheta.cob

## Output of test Data in txt file:

EmployeeData.txt [C:\Users\mmb07\Desktop\BP\Project\EmployeeData.txt] - OpenCobolIDE 4.7.6

File Edit View COBOL ?

File system

Project\_Meet\_Maheta.cob EmployeeData.txt

Project

- CST 82...
- Employ...
- Meet\_M...
- Meet\_M...
- Meet\_M...
- Meet\_M...
- Project\_...
- Project\_...

```
1      654321123Franks      Sheela      21
2
3      111222321Kumaran    Laks      35
4
```

Logs

Compiler Issues Output

N

EmployeeID	DeptCode	FirstName	LastName	ServiceYears
654321	123	Sheela	Franks	21
111222	321	Laks	Kumaran	35

C:\Users\mmb07\Desktop\BP\Project\EmployeeData.txt

Free format 3:52 cp1252