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| **Programming II**  Diploma in IT / DS / CSF  Year 1 (2021/22) Semester 2 | Week 2 |
| **2** hour |
| **Practical 2: Introduction to OOP** | |

**OPTIONAL**

1. Create a new Console App (.NET Core) project, Snnnnnnnn\_EmployeeApp, in the week02 folder *(note:* ***Snnnnnnnn*** *is your Student Number)*.
2. Add a SalesEmployee class to the project
3. Write the code to implement the SalesEmployee class based on the class diagram given below:

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| --- |
| SalesEmployee |
| –id:int  –name:string  –basicSalary:double  –sales:double |
| +SalesEmployee(i:int, n:string, bs:double, s:double) |

4. Write the code in the main program (program.cs) to do the following:

1. Create 5 SalesEmployee objects with with the following information.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |
| 101  Angie  1200  15000 | 105  Cindy  1000  12000 | 108  David  1500  20000 | 112  Jason  3000  30000 | 127  Vivian  2000  25000 |

1. Create a list, employeeList, and add the 5 SalesEmployee objects to the list.
2. Display the content of the employeeList.