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| Classes: | Firstname\_ ArrayOfSalariesApp   * Main Method * Declare salary array * Input monthly salaries * Instantiate object of salary class * Set fields * Call methods * Display output |
|  | Salaries   * Total Salary Method * Lowest Salary Method * Highest Salary Method * # of months before lowest salary method * Name for lowest salary month * Name for highest salary month * ToString |

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| --- | --- | --- |
| Variable | Type | Identifier |
| Salary Array | double | Public double[] months = new double [12] |
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| Salaries |  |
| ComputeTotalSalary | Double  Add up all the month values |
| ComputeLowestSalary | Double  Months.Min() |
| ComputeAverageSalary | Double  ComputeTotalSalary()/months.Length() |
| ComputeHighestSalary | Double  Months.Max() |
| GetLowestMonth | String  Months.min()  Switch array, assign 0-11 with named month |
| GetHighestMonth | String  Months.max()  Switch array same thing but return highest month  Switch(array value){  Case 0: month = “January” break;  Case 1: month = February” break;  Case 2:  Etc    } |
| ToString(); | Public override string ToString()  Return (array in 3x4) |

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| SalariesApp |  |
| Declare array | Salaries monthlySalaries = new Salaries; |
| Input monthly salaries | For(int I = 0; I <12 i++){  monthlySalaries.months[i] = ReadLine();  } |
| Call methods |  |
| Display output | monthlySalaries.ToString |
| Display Salary Range | WriteLine(“Salaries{0}-{1}, monthlySalaries.ComputeLowestSalary(), monthlySalaries.ComputeHighestSalary()”) |
| ToString Call |  |