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| **S.No** | **Question** | **Input and output** | |
| 1 | write a **console program** that **inputs the grade** (decimal number) and prints **Excellent!** if the grade is **5.50** or higher, otherwise "**Not excellent.**". | **Input**: 6 | **Output**: Excellent |
| **Input**: 4 | **Output**: Not Excellent |
| 2 | Write a program that inputs **an integer in the range** [**0 ... 9**] and outputs it **in words** in English. If the number is out of range, print "**number too big**". | **Input**: 5 | **Output**: Five |
| **Input**: 4 | **Output**: four |
| **Input**: 10 | **Output**: number too big |
| 3 | Three athletes finish in a particular number of **seconds** (between **1** and **50**). Write a program that introduces the times of the contestants and calculates their **total time** in "minutes:seconds" format. Seconds need to be **zeroed at the front** (2 -> "02", 7 -> "07", 35 -> "35"). | **Input**:  35  45  55 | **Output**:  2:04 |
| 4 | Write a program that **inputs the speed** (decimal number) and prints **speed information**. For speed **up to 10** (inclusive), print "**slow**". For speed **over 10** and **up to 50**, print "**average**". For speed **over 50 and up to 150**, print "**fast**". For speed **over 150 and up to 1000**, print "**ultra fast**". For higher speed, print "**extremely fast**". | **Input**: 8 | **Output**: Slow |
| **Input**: 49.5 | **Output**: Average |
| **Input**: 160 | **Output**: Ultra fast |
| 5 | Depending on **age** (decimal number and **gender** (**m** / **f**), print a personal title:   * “**Mr.**” – a man (gender “**m**”) – 16 or more years old. * “**Master**” – a boy (gender “**m**”) under 16 years. * “**Ms.**” – a woman (gender “**f**”) – 16 or more years old. * “**Miss**” – a girl (gender “**f**”) under 16 years. | **Input**:  12  f | **Output**:  Miss |
| **Input**:  17  m | **Output**: Mr. |
| **Input**:  13  m | **Output**: Master |
| 6 | Write a C# Sharp program to read temperature in centigrade and display a suitable message according to temperature state below:  Temp < 0 then Freezing weather Temp 0-10 then Very Cold weather Temp 10-20 then Cold weather Temp 20-30 then Normal in Temp Temp 30-40 then Its Hot Temp >=40 then Its Very Hot | **Input**: 42 **Output**: Its very hot | |
| 7 | Write a program to find whether a given year is a leap year or not. | **Input**: 2016 **Output**: 2016 is a leap year. | |
| 8 | Write a program to check whether a given number is positive or negative. | **Input**: 14 **Output**: 14 is a positive number | |
| 9 | Write a program to find the largest of three numbers. | **Input**: Input the 1st number :25 Input the 2nd number :63 Input the 3rd number :10 **Output**: The 2nd Number is the greatest among three | |
| 10 | Write a program that converts a number in the range of [**0 ... 100**] into text (in English). | **Input:**  42  **Output**: Forty two | |