**Problem Statement:** Print the grade based on the given percentage

**Parameters**

If a person gets equal or above 95%, then he is graded to Excellent

If a person gets equal or above 90% and less than 95%, then he is graded to A+

If a person gets equal or above 85% and less than 90%, then he is graded to A

If a person gets equal or above 80% and less than 85%, then he is graded to B+

If a person gets equal or above 75% and less than 80%, then he is graded to B

If a person gets equal or above 70% and less than 75%, then he is graded to C

If a person gets less than 70%, then he is graded to F

|  |  |
| --- | --- |
| **Expected Input** | **Expected Output** |
| 85  99  71  92  35 | A  Excellent  C  A+  F |

**Pseudo code**

Enter percentage of candidate

If percentage >= 95 then Excellent otherwise go to next step

elseif percentage >= 90 and < 95 then A+ otherwise go to next step

elseif percentage >=85 and <90 then A otherwise go to next step

elseif percentage >=80 and <85 then B+ otherwise go to next step

elseif percentage >=75and <80 then B otherwise go to next step

elseif percentage >=70 and <75 then C otherwise F

**Trace Table**

|  |  |  |  |
| --- | --- | --- | --- |
| **Expected input** | **Expected output** | **Actual output** | **Test result** |
| 85  99  71  92  35 | A  Excellent  C  A+  F | A  Excellent  C  A+  F |  |