1) Write a program to calculate your total grade, take into consideration, that:

<table>
<thead>
<tr>
<th></th>
<th>Base</th>
<th>Actual grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final</td>
<td>30</td>
<td>20</td>
</tr>
<tr>
<td>Project</td>
<td>50</td>
<td>40</td>
</tr>
<tr>
<td>Quizzes</td>
<td>20</td>
<td>15</td>
</tr>
</tbody>
</table>

**INPUT**
Read: Quiz, Quiz max, Quiz weight
Read: project, project max, project weight
Read: final, final max, final weight

**PROCESS**
Quiz total = (quiz/quiz max)* quiz weight
Project total = (project/ project max)* project weight
Final total = (final/ final max) * final weight
Total grade = final total + project total + quiz total

**OUTPUT**
Write total grade

2) Regarding Q1 above, what if the pass grade is out of 70?
Write down how we can express this information in Pseudocode

Read: Quiz, Quiz max, Quiz weight
Read: project, project max, project weight
Read: final, final max, final weight
Quiz total = (quiz/quiz max)* quiz weight
Project total = (project/ project max)* project weight
Final total = (final/ final max) * final weight
Total grade = final total + project total + quiz total
If total grade > 70
    Write pass
Else
    Write fail
3) Write a pseudo-code to read grades for quizzes, project and the final and then print the Final Letter Grade according to the table below:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90 – 100</td>
</tr>
<tr>
<td>B</td>
<td>80 – 89</td>
</tr>
<tr>
<td>C</td>
<td>70 – 79</td>
</tr>
<tr>
<td>D</td>
<td>60 – 69</td>
</tr>
<tr>
<td>F</td>
<td>Below 60</td>
</tr>
</tbody>
</table>

Read: Quiz, Quiz max, Quiz weight
Read: project, project max, project weight
Read: final, final max, final weight
Quiz total = (quiz/quiz max)* quiz weight
Project total = (project/ project max)* project weight
Final total = (final/ final max) * final weight
Total grade = final total + project total + quiz total
IF Total Grade >= 90 then
    Letter Grade = A
ELSE IF Total Grade >= 80 and THEN
    Letter Grade = B
ELSE IF Total Grade >= 70 Then
    Letter Grade = C
ELSE IF Total Grade >= 60 Then
    Letter Grade = D
ELSE
    Letter Grade = F
ENDIF
Write Letter Grade

4) Write a program code to convert a temperature from Celsius to Fahrenheit

READ Temperature_C
Temperature_F = 9/5*C + 32
WRITE Temperature_F
5) If a bank gives 10% of CD, what will be my profit after one year?

READ Amount, Interest
Amount after 1 year = Amount + Amount * Interest
WRITE Amount after 1 year