1. A PS file contains the following record structure:
   1. STUD-ID PIC 99
   2. STUD-GENDER PIC X
   3. STUD-MARKS PIC 999

Display the total number of male students with the total marks male students have scored. Also display the total number of female students with the total marks female students have scored.

E.g Contents of PS file:

10M100

20F090

30M075

40F087

Output:

Males – 2 Total marks scored – 175

Females – 2 Total marks scored – 177

1. A PS file contains employees date of birth as follows:
   1. EMP-ID PIC 999
   2. EMP-DOB PIC XXXXXX (Format is YYMMDD)

Using a table (Array) for every month, display the output in the following format:

|  |  |
| --- | --- |
| Month | No of employees |
| 01 | 4 |
| 02 | 0 |
| 03 | 0 |
| 04 | 5 |
| 05 | 6 |
| 06 | 8 |
| 07 | 12 |
| 08 | 0 |
| 09 | 0 |
| 10 | 0 |
| 11 | 1 |
| 12 | 1 |

1. For the above question, the output display should be in the following format

|  |  |
| --- | --- |
| Month | No of employees |
| JAN | 4 |
| FEB | 0 |
| MAR | 0 |
| APR | 5 |
| MAY | 6 |
| JUN | 8 |
| JUL | 12 |
| AUG | 0 |
| SEP | 0 |
| OCT | 0 |
| NOV | 1 |
| DEC | 1 |

1. Write a program to accept the text in an array and store the number of characters before ‘.’.

The array comprises of two elements, the first element and stores the text and second the number of characters computed in the program. The array can store 5 elements. E.g

Input:

RED.

SUP.PORT

.CARROT

MATCH.

B.UFFALO

Output

|  |  |
| --- | --- |
| RED. | 3 |
| SUP.PORT | 3 |
| .CARROT | 0 |
| MATCH. | 5 |
| B.UFFALO | 1 |

1. Accept a sentence case statement from the user and convert it into title case.

For e.g: If the input sentence is “Hello my name is priya and I like to explore new things”. The output should be “Hello My Name Is Priya And I Like To Explore New Things”

1. Pattern matching:- Accept a sentence and a pattern from the user. Find out the number of times the pattern repeats in the sentence. Display the number.

E.g: Input

oranges are orange and carrots are orange but why oranges are not carrots and carrots are not carrots.

orange

Output

4

1. Write a cobol program to reverse a given string without using the REVERSE function:

E.g: Input

Sweeter grapes hang higher

Output

Rehgih gnah separg reteews

1. Write a cobol program that accepts an integer (n) and computes the value of n+nn+nnn. Sample Output: Input number: 5

5 + 55 + 555 = 615