ALGORITHM

• Step-1 :- START  
• Step-2 :- Create a class named as "Capital".

• Srep-3 :- Create a parameterized constructor to initialize the instance variable String sent with null,and int freq with 0.

• Step-4 :- Create a void method "input()" to input the sentence.

• Step-5 :- Create a boolean method "isCap(String w)" to check if the first letter of the sentence is capital or not.• Step-6 :- Create a void method "display()" to count the no. of words and check if the words starts with a capital letter or not with the help of isCap(String w).

• Step-7 :- Create the "main" to create a object and call the "input()" & "output()" method.

• Step-8 :- END

VD TABLE

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Variable | Data Type | Description |
| 1  2 | sent  freq | String  int | Store the input string  Store the no. of words in the String  Count the no. of words Formal parameter for  isCap(String w) method Looping variable in  display() for going  through each word in the string and check them |
| 3  4 | ct  w | int  String |
| 5 | i | int |

OUTPUT

