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| Program  7.1: | Twenty-five numbers are entered from the keyboard into an array. Write a C Program to find out how many numbers of them are positive, negative, and how many are even and odd? |
| Algorithm: | **Step1:**Start  **Step2:**Declare a[25], I, pn=0, nn=0, en=0, on=0.  **Step3:**Enter numbers  **Step4:**If a[i]>0 print pn++  else if a[i]<0 print nn++  **Step5:**If a[i]%2==0 print en++  Else on++  **Step6:**Print pn, nn, en, on  **Step7:**End |
| Flowchart: |  |
| Code: |  |
| Output: |  |
| Question  Answer? | 1. Is it necessary to initialize a variable with zero every time? If yes, then why? If No, then when is it necessary to initialize the number with zero and why?  **Answer**: Yes , It is needed when we uses loop because we uses loops for particular work . after loop ends we need to initialize it because we can work with another loop with same variable.  But it is not needed for every work when we need previous value of that variable that time it is not necessary. |