Atoi function

APPROACH :

Check if first char is negative if it is set neg var to 1. Loop trough the string and if the value is integer then store it in ans multiplying ans by 10 + curr num.

Code :

```cpp
#include <bits/stdc++.h>
int atoi(string str) {
    // Write your code here.
    int ans=0,neg=0;
    if(str[0]=='-')
        neg=1;
    for(int i=0;i<str.size();i++)
    {

        if((str[i]-'0')>=0 &&(str[i]-'0')<=9)
        {
            ans=ans*10+(str[i]-'0');
        }
    }
    if(neg==1)
    {
        ans*=-1;
    }
    return ans;
}
```

- Time Complexity : O(N)

- Space Complexity : O(1)