PROGRAM-1

CODE:

```python
a=input("Enter the string:")
lower=0
upper=0
digits=0
special=0
for i in a:
    if(i.isupper()):
        upper=upper+1
    elif(i.islower()):
        lower=lower+1
    elif(i.isdigit()):
        digits=digits+1
    elif(not i.isalpha() and not i.isdigit()):
        special=special+1
print("Number of upper case characters are:",upper)
print("Number of lower case characters are:",lower)
print("Number of digits are:",digits)
print("Number of special characters are:",special)
```

OUTPUT:

```
Enter the string:My name is Amogh Garg and I am 18 years old!!
Number of upper case characters are: 4
Number of lower case characters are: 27
Number of digits are: 2
Number of special characters are: 12
>>>
```

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