

```

7  class StringWeight {
8  //Write Your Code Here..
9  public int weightOfString(String str, int input) {
10 → int weight = 0;
11     int temp = 0;
12     int tempInteger = 0;
13
14 → if (input == 0) {
15     for (int i = 0; i < str.length(); i++) {
16         if (Character.isAlphabetic(str.charAt(i))) {
17             if (str.charAt(i) != 'a' && str.charAt(i) != 'e' && str.charAt(i) != 'i' && str.charAt(i) != 'o' && str.charAt(i) != 'u' && str.charAt(i) != 'A' && str.charAt(i) != 'E' && str.charAt(i) != 'I' && str.charAt(i) != 'O' && str.charAt(i) != 'U') {
18                 if (Character.isLowerCase(str.charAt(i))) {
19                     temp = (int) str.charAt(i);
20                     tempInteger = 96;
21                     if (temp <= 122 && temp >= 97) {
22                         weight += (temp - tempInteger);
23                     }
24                 }
25                 if (Character.isUpperCase(str.charAt(i))) {
26                     temp = (int) str.charAt(i);
27                     tempInteger = 64;
28                     if (temp <= 90 && temp >= 65) {
29                         weight += (temp - tempInteger);
30                     }
31                 }
32             }
33         }
34     }
35 }

```



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30 .....}
31 .....}
32 .....}
33 .....}
34 .....}
35 → ..}
36 → ..else if(input == 1){
37 → → ..for(int i=0; i<str.length(); i++){
38 .....    ..if(Character.isAlphabetic(str.charAt(i))){
39 .....        ..if(Character.isLowerCase(str.charAt(i))){
40 .....            ..temp=(int) str.charAt(i);
41 .....            ..tempInteger=96;
42 .....            ..if(temp <= 122 && temp >= 97){
43 .....                ..weight+=(temp-tempInteger);
44 .....            }
45 .....        }
46 .....        ..if(Character.isUpperCase(str.charAt(i))){
47 .....            ..temp=(int) str.charAt(i);
48 .....            ..tempInteger=64;
49 .....            ..if(temp <= 90 && temp >= 65){
50 .....                ..weight+=(temp-tempInteger);
51 .....            }
52 .....        }
53 .....    }
54 .....}
55 → ..}
56 → ..return weight;
57 → ..}

```