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Java SET-I : Q4

Due on 2021-04-11, 12:00 IST

A user will input any character and a program will print if the input character is a consonant. Write appropriate statements below to complete the following program. *Your program should print 'Consonant' .*

Private Test cases used for evaluation

Test Case 1

Test Case 2

Input	Expected Output	Actual Output	Status
p	Consonant	Consonant	Passed
3		NA	Passed

The due date for submitting this assignment has passed.

2 out of 2 tests passed.

You scored 100.0/100.

Assignment submitted on 2020-12-12, 10:32 IST

Your last recorded submission was :

```
1  import java.util.Scanner;
2  public class Question4{
3      public static void main(String args[]){
4  //Read a character from keyboard .You have to check it is consonant or not.
5  Scanner scan = new Scanner(System.in);
6  char ch = scan.next().charAt(0);
7  if ( ( ch > 'a' && ch <= 'z' ) && ( ch != 'e' && ch != 'i' && ch != 'o' && ch != 'u' ) )
8  {
9    System.out.print("Consonant");
10 }
11 else if ( ( ch > 'A' && ch <= 'Z' ) && ( ch != 'E' && ch != 'I' && ch != 'O' && ch != 'U' ) )
12 {
13   System.out.print("Consonant");
14 }
15
16
17   }
18 }
```

Sample solutions (Provided by instructor)

```
1  import java.util.Scanner;
2  public class Question4{
3      public static void main(String args[]){
4  Scanner sc = new Scanner(System.in);
5  char ch = sc.next().charAt(0);
6
7  char con[] = {'b','c','d','f','g','h','j','k','l','m','n','p','q','r','s','t','v','w','x','y','z'};
8
9  int flag = 0;
10
11 for (int i=0; i < con.length; i++){
12     if(con[i] == ch){
13         flag = 1;
14         break;
15     }
16   }
17 if(flag == 1){
18     System.out.println("Consonant");
19 }
20   }
21 }
```