Day 1 coding Statement: Write a program to identify if the character is a vowel or consonant.

Description: Take an input character from the user and check whether the given input is a vowel or consonant.

```
Input:A
Output:Vowel
Input:m
Output: Consonant
Input:3
Output: Invalid Input
Program:
package com.talentbattle.codingchallenge;
import java.util.*;
public class day1_vowel_consonant {
static void vowel_or_consonant(char ch)
{
if (ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch == 'u' || ch == 'A' || ch
== 'E' || ch == 'I' || ch == '0' || ch == 'U')
System.out.println("Vowel");
else
{
      if((ch >= 'a' \&\& ch <= 'z')||(ch >= 'A' \&\& ch <= 'Z'))|
      {
             System.out.println("Consonant");
      }
      else
      {
             System.out.println("Invalid input");
      }
}
}
public static void main (String[] args)
Scanner <u>sc</u> = new Scanner(System.in);
System.out.println("Enter the character : ");
```

```
char ch = sc.next().charAt(0);
vowel or consonant(ch);
}
}
Java Programs - Sudeep/src/com/talentbattle/codingchallenge/day1_vowel_consonant.java - Eclipse IDE
                                                                                                                                           File Edit Source Refactor Navigate Search Project Run Window Help
Q B & *
Project Explorer X 🖹 🕏 🤊 🖟 🗖 🖟 Equal_array... 🔑 Array_type.java 🔑 Array_even_... 🔑 day1_vowel_c... X 🔭 7 🔭 🗖 📮 Console X
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| Sudeep

  > Mageep

> Mageep JRE System Library [jdk-19]

✓ ∰ src
                                      1 package com.talentbattle.codingchallenge;
2
3 import java.util.*;
                                                                                                     Enter the character :
    > 🔠 (default package)
> 🔠 com.kodnest.programs
                                                                                                        Vowel
                                      public class day1_vowel_consonant {
    ✓ Æ com.talentbattle.codingchallenge
                                      70 static void vowel_or_consonant(char ch)
      Array_type.java
       ascii_output.java

Brackets_remove.java
       Concatenate string.java
       Count_in_Strings.java
day1_vowel_consonant.java

    days_in_a_month.java
    Double_number.java
    Equal_arrays.java

       a factor.java
       factorial.java
First_las_letter_captial.java
       Frequency_string.java

Handshakes.java
       No_repeating_char.java
Number_of_digits.java
Odd_or_even.java
       package-info.java
Palindrome.java
Perfect_Number.java
       positive_or_negative.java
Type here to search
```