

Practical 6

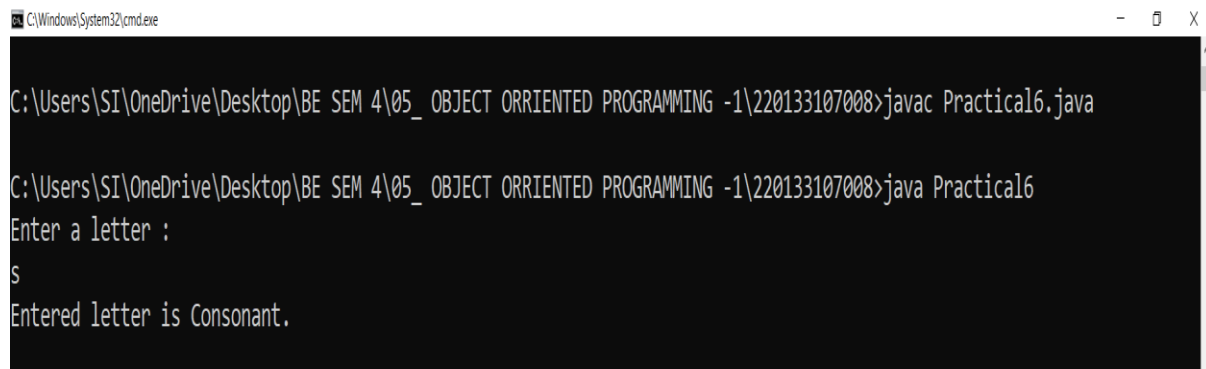
Aim : Write a program that prompts the user to enter a letter and check whether a letter is a vowel or constant.

Code :

```
import java.util.*;

class Practical6
{
    public static void main(String args[])
    {
        Scanner a=new Scanner(System.in);
        System.out.println("Enter a letter : ");
        String l=a.next();
        char ch=Character.toLowerCase(l.charAt(0));

        if(!Character.isLetter(ch))
            System.out.println("Invalid input!");
        else{
            if(ch=='a'||ch=='e'||ch=='i'||ch=='o'||ch=='u'){
                System.out.println("Entered letter is Vowel.");
            }
            else{
                System.out.println("Entered letter is Consonant.");
            }
        }
    }
}
```

Output :

```
C:\Windows\System32\cmd.exe
C:\Users\SI\OneDrive\Desktop\BE SEM 4\05_ OBJECT ORRIENTED PROGRAMMING -1\220133107008>javac Practical6.java
C:\Users\SI\OneDrive\Desktop\BE SEM 4\05_ OBJECT ORRIENTED PROGRAMMING -1\220133107008>java Practical6
Enter a letter :
s
Entered letter is Consonant.
```