

Q. WAP to input a sentence and display the words of the sentence that contains maximum number of vowels

Sample Input: HAPPY NEW YEAR

Sample Output: The word with maximum number of vowels: YEAR

```
-> import java.util.*;
class manvowels
{
    public static void main(String args[])
    {
        Scanner in = new Scanner(System.in);
        String str, st word, maxword = "";
        System.out.println("Enter a sentence");
        str = in.nextLine().toUpperCase();
        int l, i, c, maxc = 0;
        char ch

        int l = str.length();
        for (i = 0; i < l; i++)
        {
            ch = str.charAt(i);

            if (ch == 'A' || ch == 'E' || ch == 'I' || ch == 'O' ||
                ch == 'U')
            {
                c++;
            }
        }
        if (ch == ' ')
        {
```

```
if (c > maxc) {  
    maxc = c;  
    maxword = word;
```

```
    }  
    word = "";
```

```
    c = 0;
```

```
    }  
    else {
```

```
        word = word + ch;
```

```
    }
```

```
    }
```

```
    System.out.println("The word with  
    maximum number of vowels:  
    + maxword);
```

```
    }
```

```
}
```