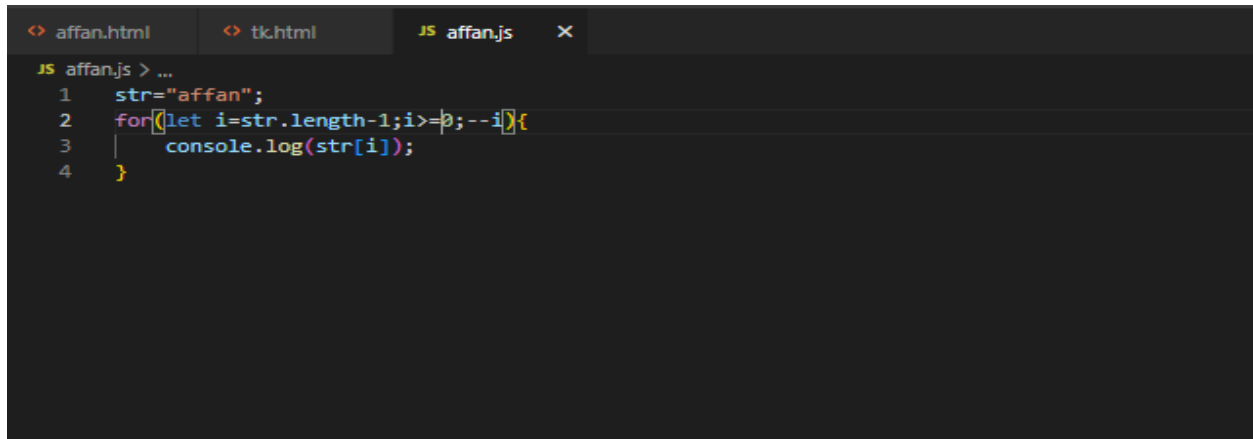


(DAY:1)

JAVA SCRIPT

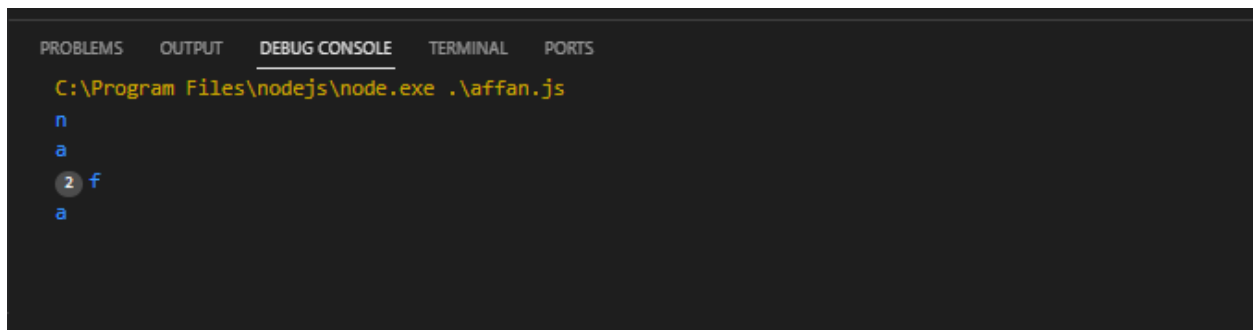
1):Question: Reverse a string without using the built-in reverse() method.

SOURCE CODE:



```
<> affan.html  <> tk.html  JS affan.js  X
JS affan.js > ...
1  str="affan";
2  for(let i=str.length-1;i>=0;--i){
3  |   console.log(str[i]);
4  }
```

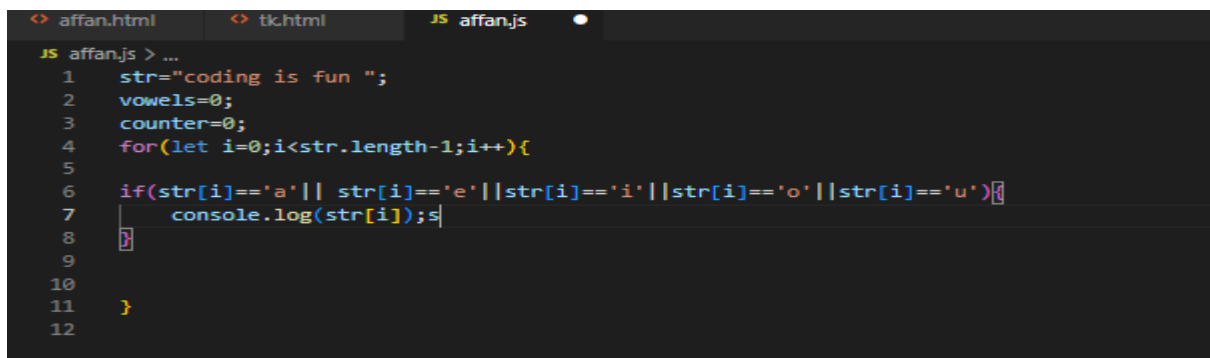
OUTPUT:



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
C:\Program Files\nodejs\node.exe .\affan.js
n
a
2 f
a
```

2):Question: Count the number of vowels in a given string.

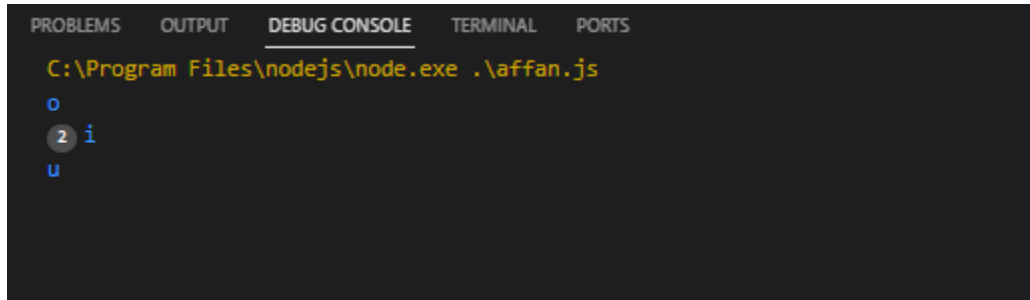
SOURCE CODE:



```
<> affan.html  <> tk.html  JS affan.js  ●
JS affan.js > ...
1  str="coding is fun ";
2  vowels=0;
3  counter=0;
4  for(let i=0;i<str.length-1;i++){
5
6  |   if(str[i]=='a' || str[i]=='e' || str[i]=='i' || str[i]=='o' || str[i]=='u'){
7  |       console.log(str[i]);s
8  |   }
9
10
11 }
12
```

(DAY:1)

OUTPUT:



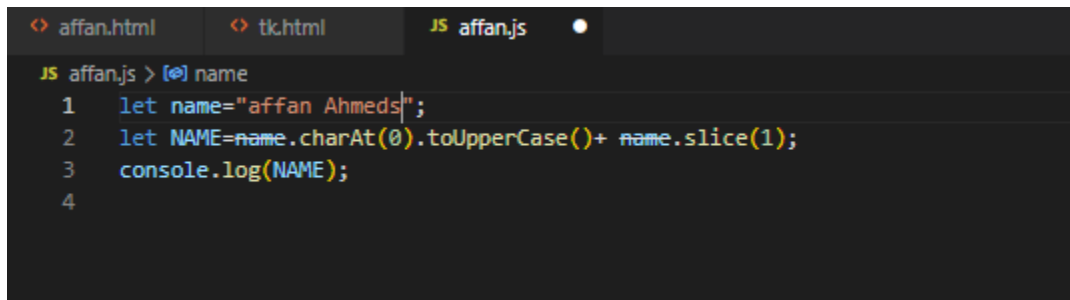
```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

C:\Program Files\nodejs\node.exe .\affan.js

0
2 i
u
```

3):Question: Convert the first letter of each word in a sentence to uppercase.

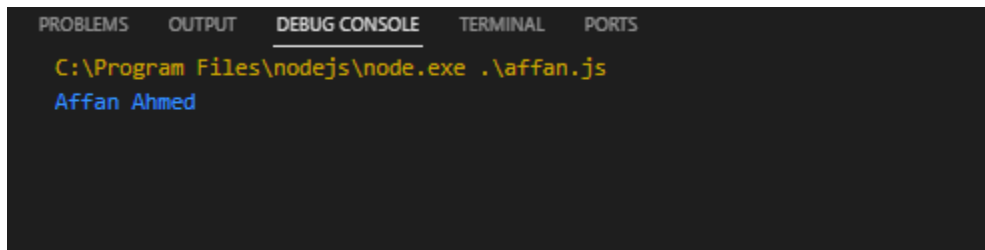
SOURCE CODE:



```
<> affan.html  <> tk.html  JS affan.js  ●

JS affan.js > [?] name
1  let name="affan Ahmeds";
2  let NAME=name.charAt(0).toUpperCase()+ name.slice(1);
3  console.log(NAME);
4
```

OUTPUT:



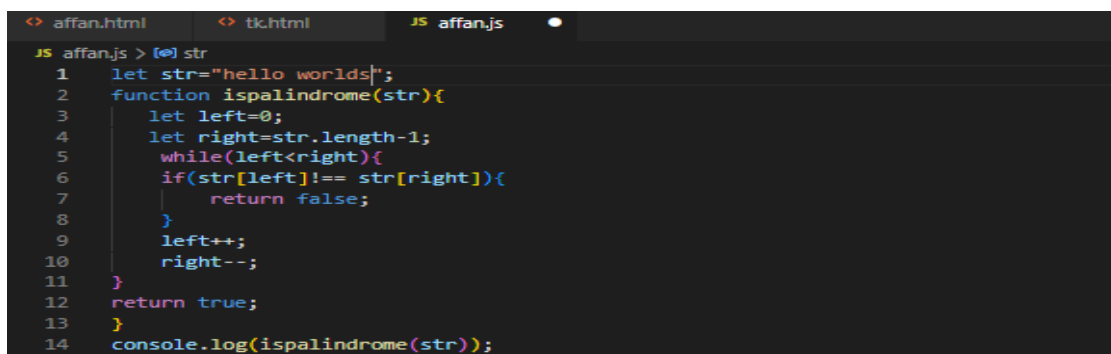
```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

C:\Program Files\nodejs\node.exe .\affan.js

Affan Ahmed
```

4): Question: Check if a string is a palindrome.

SOURCE CODE:



```
<> affan.html  <> tk.html  JS affan.js  ●

JS affan.js > [?] str
1  let str="hello worlds";
2  function ispalindrome(str){
3    let left=0;
4    let right=str.length-1;
5    while(left<right){
6      if(str[left]!== str[right]){
7        return false;
8      }
9      left++;
10     right--;
11   }
12   return true;
13 }
14 console.log(ispalindrome(str));
```

(DAY:1)

OUTPUT:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
C:\Program Files\nodejs\node.exe .\affan.js
false
```

5): Question: Find the sum of all positive numbers in an array.

SOURCE CODE:

```
<> affan.html  <> tk.html  JS affan.js
JS affan.js > ...
1  array=[0,1,-2,-3,4,-5,6,-7,-8,-9,10]
2  sum=0;
3  counter=0;
4  for(let i=1;i<=array.length-1;i++){
5      if(array[i]>0){
6          sum=sum+i;
7          counter++;
8      }
9  }
10
11  if(counter>0){
12      console.log("positive number sum in the given array:"+sum);
13  }
14  else{
15      console.log("not found");
16  }
17
```

OUTPUT:

```
PROBLEMS  1  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
C:\Program Files\nodejs\node.exe .\affan.js
positive number sum in the given array:21
```