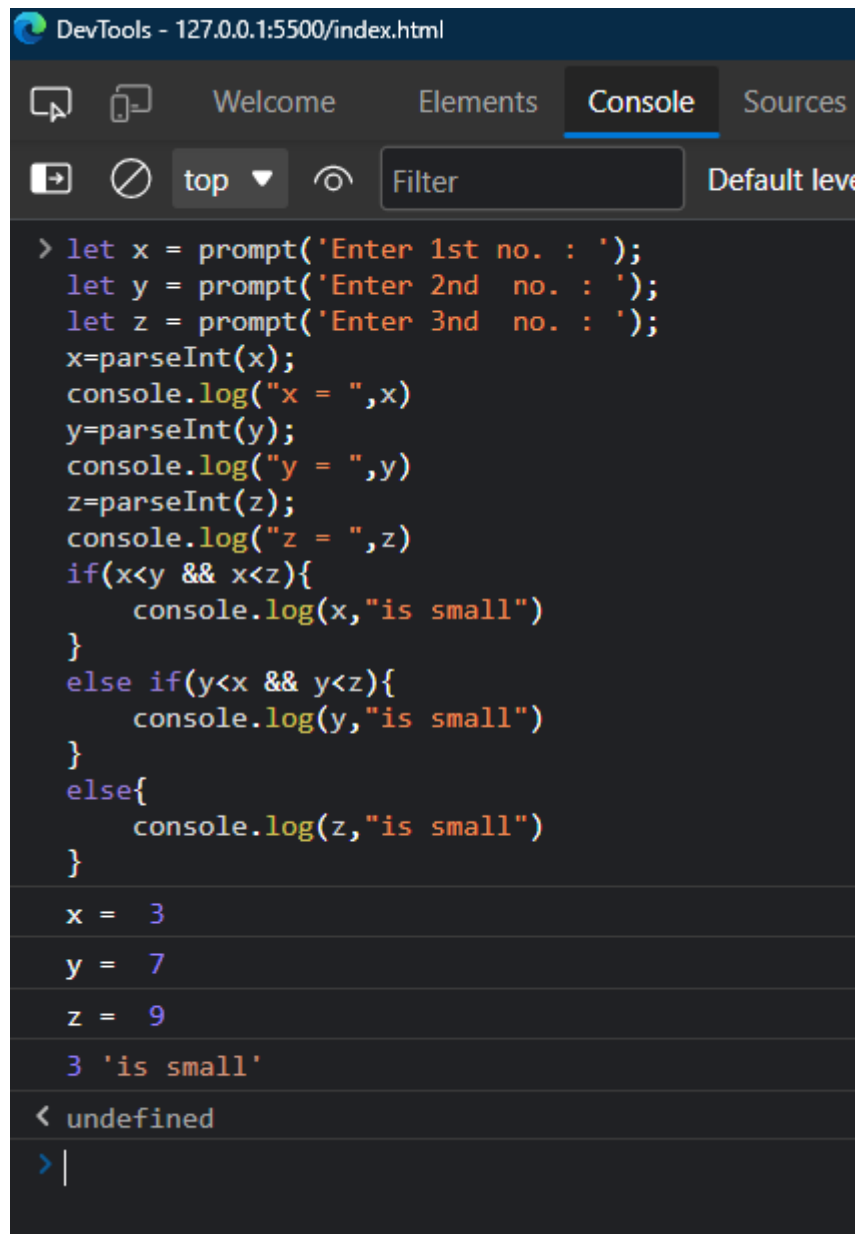


Ques - > Take 3 inputs (number) from the user and show minimum of the three.

Ans - >



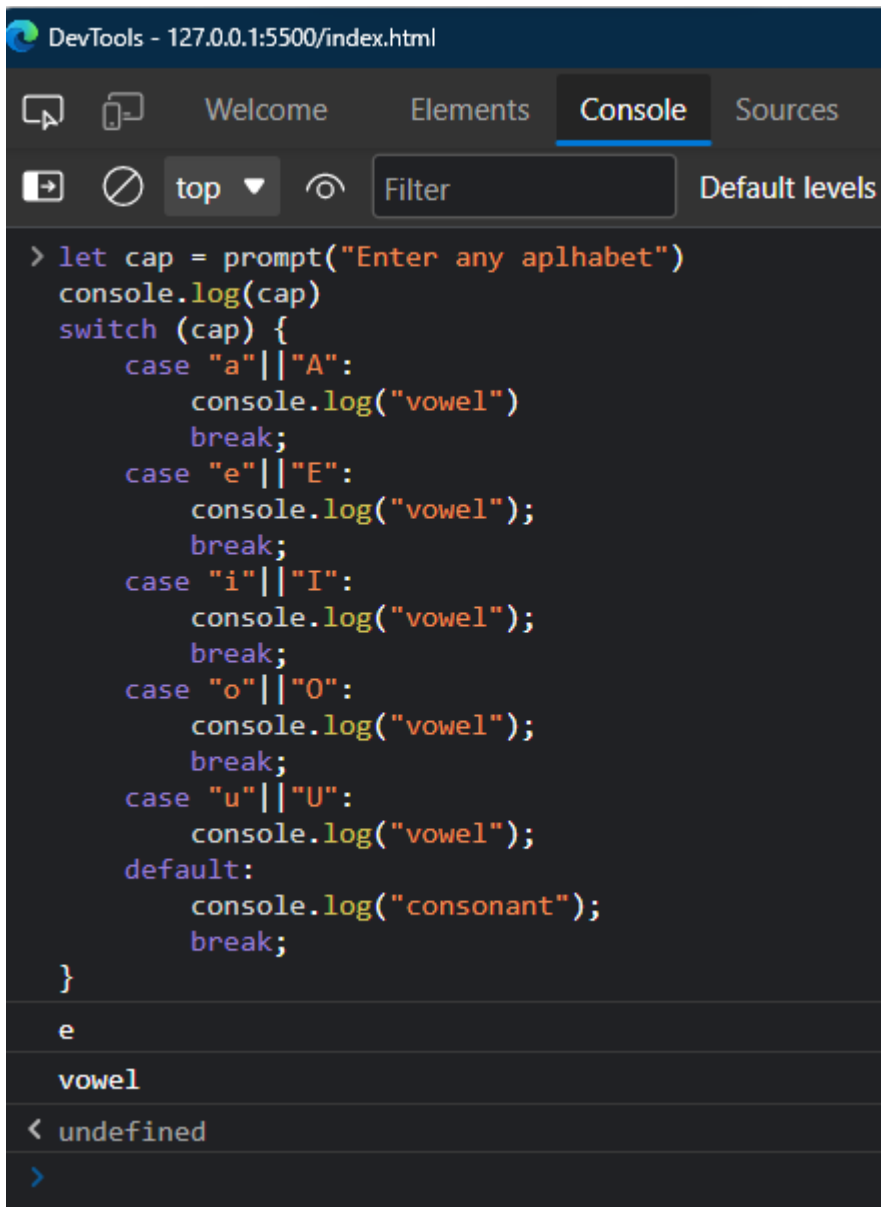
The screenshot shows the Chrome DevTools Console with the 'Console' tab selected. The console displays the following JavaScript code and its output:

```
> let x = prompt('Enter 1st no. : ');
    let y = prompt('Enter 2nd no. : ');
    let z = prompt('Enter 3rd no. : ');
    x=parseInt(x);
    console.log("x = ",x)
    y=parseInt(y);
    console.log("y = ",y)
    z=parseInt(z);
    console.log("z = ",z)
    if(x<y && x<z){
        console.log(x,"is small")
    }
    else if(y<x && y<z){
        console.log(y,"is small")
    }
    else{
        console.log(z,"is small")
    }
    x = 3
    y = 7
    z = 9
    3 'is small'
    < undefined
    > |
```

The code prompts the user for three numbers, converts them to integers, and then uses conditional logic to determine the minimum value. The output shows that the minimum value is 3.

Ques - > Check whether the given character is a vowel or not. (Also check for capital characters).

Ans - >



The screenshot shows the Chrome DevTools Console with the 'Console' tab selected. The top bar indicates the URL '127.0.0.1:5500/index.html'. The console toolbar shows 'top' as the selected filter and 'Default levels' for log levels. The console contains the following JavaScript code:

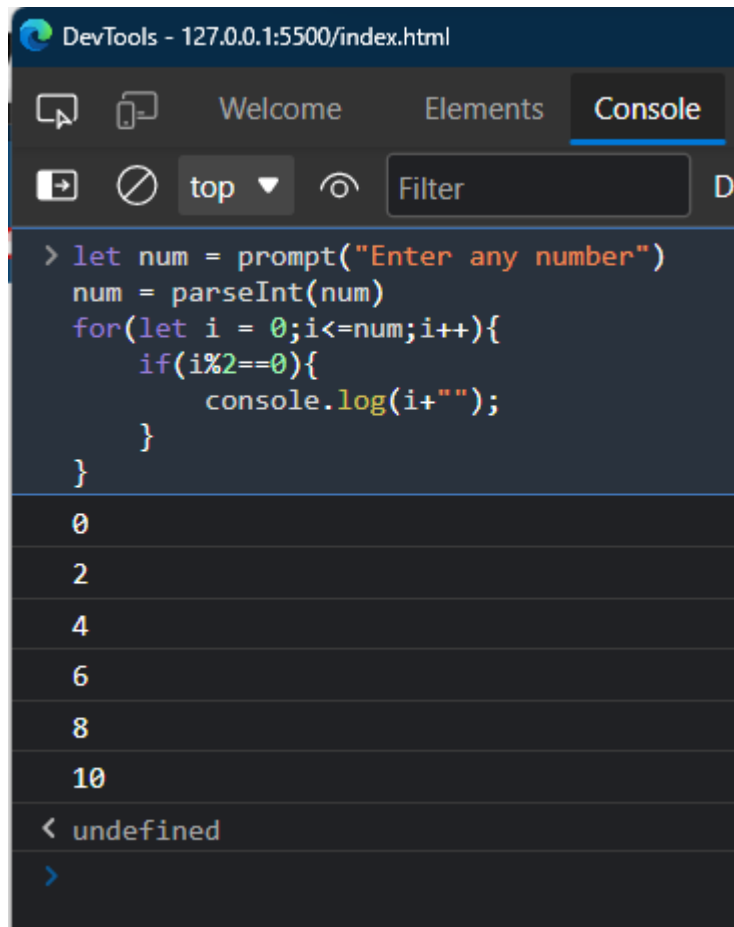
```
> let cap = prompt("Enter any aplhabet")
console.log(cap)
switch (cap) {
  case "a"|"A":
    console.log("vowel")
    break;
  case "e"|"E":
    console.log("vowel");
    break;
  case "i"|"I":
    console.log("vowel");
    break;
  case "o"|"O":
    console.log("vowel");
    break;
  case "u"|"U":
    console.log("vowel");
  default:
    console.log("consonant");
    break;
}
```

Below the code, the console shows the execution results:

- The variable `cap` is assigned the value `e`.
- The `console.log(cap)` statement outputs `e`.
- The `switch` statement's `default` case is executed, outputting `consonant`.
- The prompt message `< undefined` is shown at the bottom of the console.

Ques - > . Write a program to print all even numbers less than or equal to n (n is an input which we take using prompt).

Ans - >

A screenshot of the Chrome DevTools Console. The top bar shows 'DevTools - 127.0.0.1:5500/index.html'. The 'Console' tab is selected, showing a list of messages. The first message is a log of the output of the program, displaying even numbers from 0 to 10. The code for the program is visible in the editor above the console.

```
> let num = prompt("Enter any number")
num = parseInt(num)
for(let i = 0; i<=num; i++){
  if(i%2==0){
    console.log(i+"");
  }
}
```

0

2

4

6

8

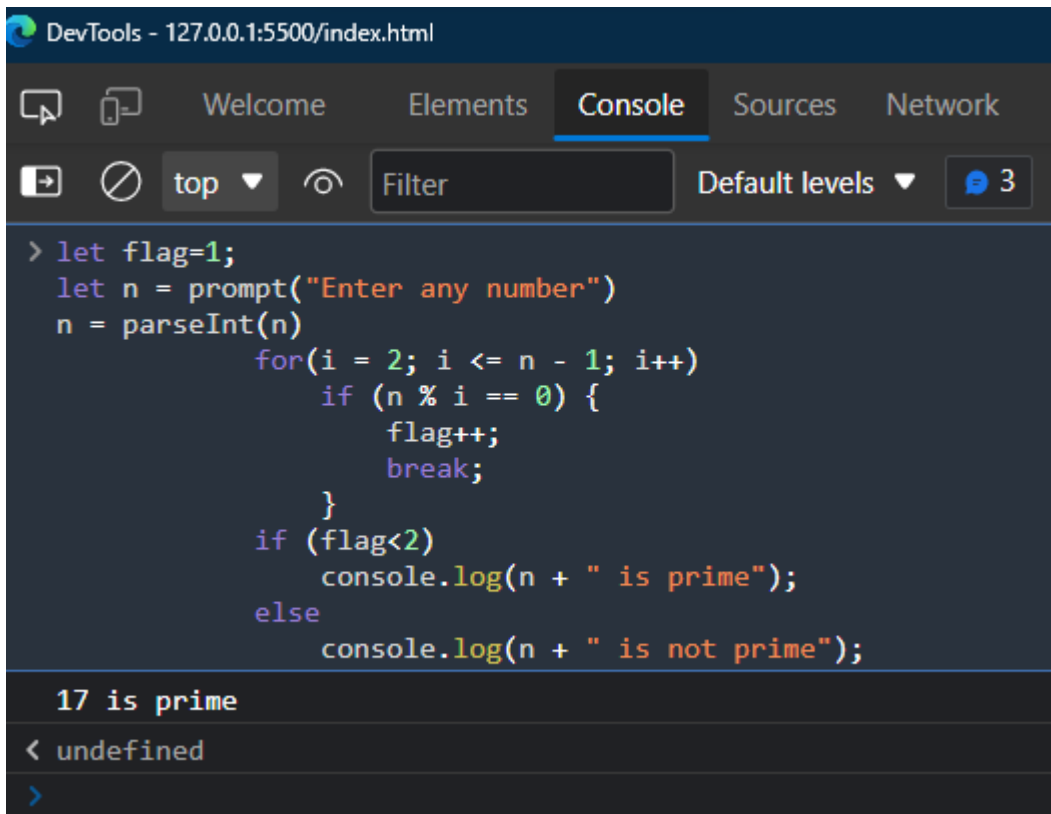
10

< undefined

>

Ques - > Write a program to take an input from the user (number) and check whether it is a prime number or not.

Ans - >



```
DevTools - 127.0.0.1:5500/index.html

Welcome Elements Console Sources Network

top Filter Default levels 3

> let flag=1;
  let n = prompt("Enter any number")
  n = parseInt(n)
    for(i = 2; i <= n - 1; i++)
      if (n % i == 0) {
        flag++;
        break;
      }
    if (flag<2)
      console.log(n + " is prime");
    else
      console.log(n + " is not prime");

17 is prime
< undefined
>
```