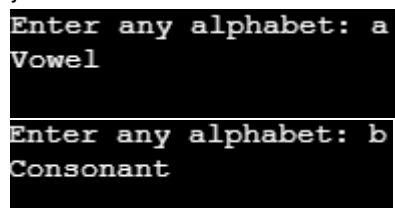


1. Develop a C program to determine whether the entered character is a vowel or consonant using switch case statement.

```
#include <stdio.h>
int main()
{
    char ch;
    printf("Enter any alphabet: ");
    scanf("%c", &ch);
    switch(ch)
    {
        case 'a':
        case 'e':
        case 'i':
        case 'o':
        case 'u':
        case 'A':
        case 'E':
        case 'I':
        case 'O':
        case 'U':
            printf("Vowel");
            break;
        default:
            printf("Consonant");
    }

    return 0;
}
```



The screenshot shows the program's output in a terminal window. It displays two test cases: first, the user enters 'a' and the program outputs 'Vowel'; second, the user enters 'b' and the program outputs 'Consonant'.

2. Develop a C program to print even numbers from M to N.

```
#include<stdio.h>
int main()
{
    int i, uppernumber,lowenumber;

    printf("\n Please Enter the Minimum Limit Value : ");
    scanf("%d", &lowenumber);

    printf("\n Please Enter the Maximum Limit Value : ");
    scanf("%d", &uppernumber);

    printf("\n Even Numbers between %d and %d are : \n",lowenumber,uppernumber);
    for(i = lowenumber; i <= uppernumber; i++)
```

```
{  
if ( i % 2 == 0 )  
{  
    printf(" %d\t", i);  
}  
}  
  
return 0;  
}
```

Please Enter the Minimum Limit Value : 20

Please Enter the Maximum Limit Value : 40

Even Numbers between 20 and 40 are :

20	22	24	26	28	30	32	34	36	38	40
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