

Write a C Program to rotate an array by K positions.

```
#include <stdio.h>

int main() {

    int arr[100];

    int i, N, len, j;

    printf("enter n value\n");

    scanf("%d",&len);

    printf("enter array elements\n");

    for(i=0;i<len;i++)

        scanf("%d",&arr[i]);

    printf("enter num rotation \n");

    scanf("%d",&N);

    int temp=0;

    for (i = 0; i < N; i++) {

        int x = arr[0];

        for (j = 0; j < len; j++) {

            temp=arr[j];

            arr[j] = arr[j + 1];

            arr[j+1]=temp;

        }

        arr[len - 1] = x;

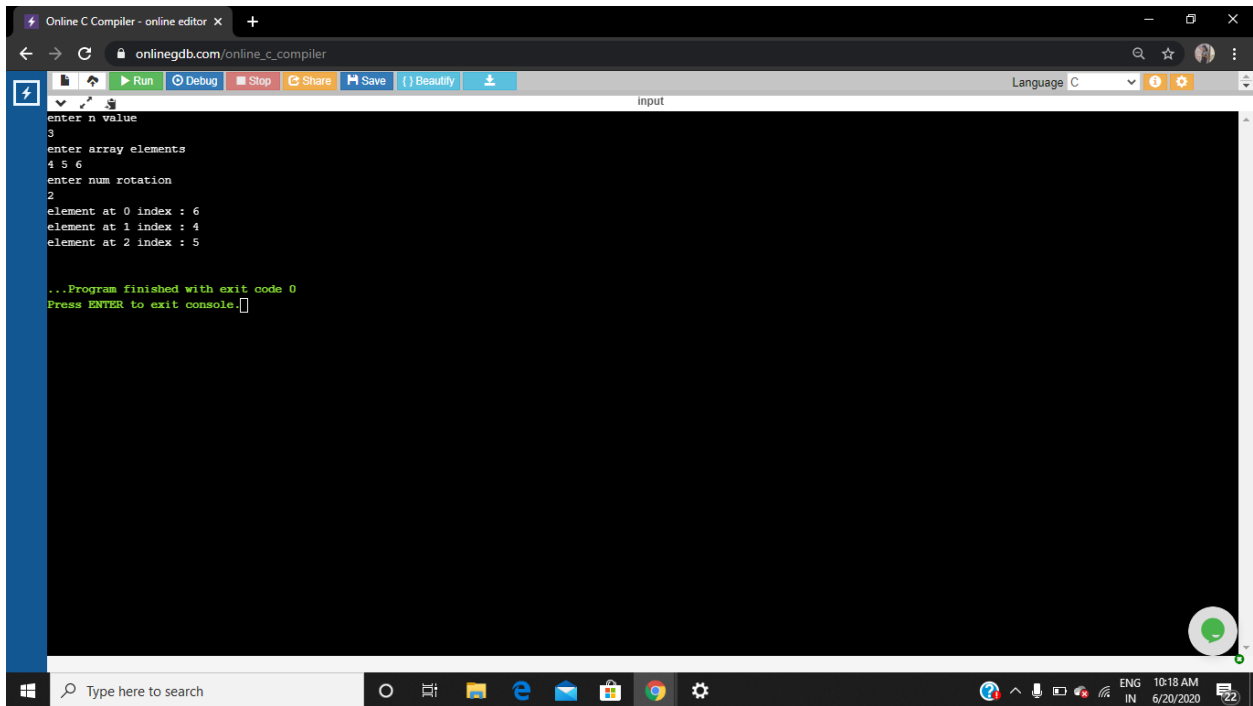
    }

    for (i = 0; i < len; i++) {

        printf("element at %d index : %d\n",i,arr[i]);

    }
```

}



The screenshot shows a web browser window with the URL `onlinegdb.com/online_c_compiler`. The browser's address bar and tabs are visible at the top. Below the browser window is a terminal window titled "input" with a dark background and white text. The terminal displays the following output:

```
enter n value
3
enter array elements
4 5 6
enter num rotation
2
element at 0 index : 6
element at 1 index : 4
element at 2 index : 5

...Program finished with exit code 0
Press ENTER to exit console.
```

The terminal window has a blue vertical bar on its left side. At the bottom of the screen, the Windows taskbar is visible, showing the search bar, task view button, and several application icons. The system tray on the right indicates the date and time as "ENG 10:18 AM IN 6/20/2020".