#include <math.h>

#include <stdio.h>

int main() {

    int x[4]={12,20,39,43}, \*y;

    y=x;

    printf("1) %d \n",\*y+1);

    printf("2) %d \n",\*(y+1));

    y+=2;

    printf("3) %d \n",\*y);

    \*y=38;

    printf("4) %d \n",\*y);

    printf("5) %d \n",\*y-1);

    printf("6) %d \n",\*y++);

    printf("7) %d \n",\*y);

    printf("8) %d \n",y[0]);

    printf("9) %d \n",x[2]>y[0]);

    printf("10) %d \n",y-x);

    return 0;

}

PS C:\Users\Dell> cd "c:\Users\Dell\OneDrive\Documents\Lbs C\lab 3\" ; if ($?) { gcc test.c -o test } ; if ($?) { .\test }

1) 13

2) 20

3) 39

4) 38

5) 37

6) 38

7) 43

8) 43

9) 0

10) 3

#include <math.h>

#include <stdio.h>

int main() {

    char ch, \*str = "Hello World";

    while((ch= \*str++ ) != '\0')

    printf("%c", ch);

    puts("\n------------------------");

    int \*p, arr[] = {10,33,15,22,14};

    for(p=arr; p<arr+5; p+=2)

    printf("%d ", \*p);

    puts("\n------------------------");

    char n=0, \*s, \*e, str2[] = "siht hsinif ot ekil I";

    while(str2[++n]);

    for(s=str2, e=str2+n-1; e>s ;e--,s++ ){

        str2[n] = \*e;

        \*e = \*s;

        \*s = str2[n];

        }

        str2[n] = '\0';

    return 0;

}

PS C:\Users\Dell> cd "c:\Users\Dell\OneDrive\Documents\Lbs C\lab 3\" ; if ($?) { gcc test.c -o test } ; if ($?) { .\test }

Hello World

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10 15 14

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Link: <https://github.com/Link20222/CSC_215_KSU_44_C-language/tree/main/HWs/3> (I will upload my codes in GitHub later)