





EXPLORER

Q1.c

Q2.c

Q3.c

OPEN EDITORS

Q1.c Sem3\Assig...

Q2.c Sem3\Assig...

Q3.c Sem3\Assig...

C LANGUAGE

Anagram.c

Anagram.exe

Assignment_1.exe

HCF.c

HCF.exe

LCM.exe

Sequence.c

String.c

Try.exe

File

PVScode

Sem1

Sem2

Sem3

Assignment 1

Assignment 2

LAB2.txt

Q1.c

Q1.exe

Q2.c

Q2.exe

Q3.c

Q3.exe

VS_Sem2

letusc-yashwantkanet...

tempCodeRunnerFile.c

tempCodeRunnerFile....

VS.code-workspace

OUTLINE

Sem3 > Assignment 2 > Q2.c > main()

```
1 #include<stdio.h>
2 int Palin(int num)
3 {
4     int rev=0,rem=0;
5     while(num>0) {
6         rem=num%10;
7         rev=rev*10+rem;
8         num=num/10;
9     }
10    return rev;
11 }
12 int main()
13 {
14     printf("JOHN ALEXANDER E 20011896\n");
15     int i,n,rev=0;
16     printf("Enter the number of elements\n");
17     scanf("%d",&n);
18     int arr[n],arr2[n];
19     printf("Input the elements\n");
20     for(i=0;i<n;i++)
21     {
22         scanf("%d",&arr[i]);
23     }
24     printf("Palindromes are :");
25     for(i=0;i<n;i++)
26     {
27         rev=Palin(arr[i]);
28         if(rev==arr[i])
29             if(arr[i]>10)
30                 printf("%d ",arr[i]);
31     }
32 }
33 }
```

C:\WINDOWS\system32\cmd.exe

```
JOHN ALEXANDER E 20011896
Enter the number of elements
10
Input the elements
11
2
33
4
454
455
656
667766
676
888
Palindromes are :11 33 454 656 667766 676 888
Press any key to continue . . .
```

Compiled successfully

Activate Windows

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File

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Selection

View

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Run

Terminal

Help

Q3.c - C language - Visual Studio Code

EXPLORES

OPEN EDITORS

C LANGUAGE

Sem3 > Assignment 2 > C Q3.c > Prime(int)

1 #include<stdio.h>

2 #include<math.h>

3

4 int Prime(int num)

5 {

6 int flag=0;

7 for(int i=2;i<=sqrt(num);i++)

8 {

9 if(num%i == 0)

10 {

11 flag = 1;

12 break;

13 }

14 }

15 if(flag == 0 && num!=1 && num!=0)

16 printf("%d is a prime number\n", num);

17 }

18 int main()

19 {

20 printf("JOHN ALEXANDER E 20011896\n");

21 int i,n;

22 printf("Enter the number of elements\n");

23 scanf("%d",&n);

24 int arr[n];

25 printf("Input the elements\n");

26 for(i=0;i<n;i++)

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

28

29 for(i=0;i<n;i++)

30 Prime(arr[i]);

31 }

C:\WINDOWS\system32\cmd.exe

JOHN ALEXANDER E 20011896

Enter the number of elements

10

Input the elements

2

3

5

7

11

12

13

15

17

18

2 is a prime number

3 is a prime number

5 is a prime number

7 is a prime number

11 is a prime number

13 is a prime number

17 is a prime number

Press any key to continue . . .

Activate Windows

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Ln 14, Col 2 Spaces: 4 UTF-8 CRLF C Win32

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