

Lab Report 04 by 0432410005101088 (Saraf)

Problems of Lab Report 4:

1. Write a C program to print all natural numbers in reverse (from n to 1)
2. Write a C program to print all alphabets from a to z.
3. Write a C program to print sum of all even numbers between 1 to n.
4. Write a C program to print sum of all odd numbers between 1 to n.
5. Write a C program to print prime numbers between 1 to n.
6. Write a C program to print table of any number.
7. Write a C program to enter any number and calculate sum of all natural numbers between 1 to n
8. Write a c program to print all numbers from 1 to 10 without number 5.
1 2 3 4 6 7 8 9 10
9. Write a c program to print all numbers from 1 to 10 where all even numbers will be 0.
1 0 3 0 5 0 7 0 9 0

10. Write a c program to print the following series

1	2
3	4
5	6
.	.
.	.
19	20

11. Write a c program to print the following series –

1	10
2	9
3	8
.	.
.	.
10	1

12. Write a c program to print the result of 5!.

13. Write a c program to find out the vowel and consonant by using for loop and mark it via 'v' and 'c' respectively.

14. Write a c program to find and count the vowel, consonant and total character from 'a' to 'm' by using 'for loop' and mark it via 'v' and 'c' respectively.

1.

Write a C program to print all natural numbers in reverse (from n to 1)

The image shows a screenshot of a C program being written in the Code::Blocks IDE and its execution output. The IDE window on the left displays the source code for 'report_01.c'. The code is a C program that prompts the user for an initial number, then prints all natural numbers from that number down to 1 in reverse order. The code is as follows:

```
1 //Write a C program to print all natural
2 numbers in reverse (from n to 1)
3
4 #include<stdio.h>
5
6 int main()
7 {
8     int n;
9     printf("Give an initial number: ");
10    scanf("%d", &n);
11    printf("\n\n");
12    for(int i=n; i>=1; i--)
13    {
14        printf("%d\n", i);
15    }
16
17    return 0;
18 }
```

The output window on the right shows the program's execution. It prompts 'Give an initial number: 20' and then prints the numbers 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, each on a new line. Below the output, it states 'Process returned 0 (0x0) execution time : 10.827 s' and 'Press any key to continue.' The bottom status bar of the IDE shows 'H... |C/C++ | Windows (CR+LF) | WINDOWS-1252 | Line 6, Col 11, Pos 121 | Insert | Read/Write | default |'.

2.

Write a C program to print all alphabets from a to z.

The screenshot shows the Code::Blocks IDE with a C program open. The program is designed to print all lowercase alphabets from 'a' to 'z'. The code is as follows:

```
1 //Write a C program to print all alphabets from a to z.
2
3 #include<stdio.h>
4 int main()
5 {
6     for(char i = 'a'; i <='z';i++)
7     {
8         printf("%c\n",i);
9     }
10
11     return 0;
12 }
13
14
```

The output of the program is displayed on the right side of the IDE, showing the alphabet from 'a' to 'z' printed on separate lines. The status bar at the bottom indicates the program was executed successfully, returning 0 (0x0) with an execution time of 0.177 seconds.

Process returned 0 (0x0) execution time : 0.177 s
Press any key to continue.

3.

Write a C program to print sum of all even numbers between 1 to n.

The image shows a C program in Code::Blocks 20.03 and its execution output. The program calculates the sum of even numbers from 1 to n. The output window shows the calculation for n=20, resulting in a sum of 110 and an execution time of 12.2 seconds.

```
//Write a C program to print sum of all even numbers between 1 to n.

#include<stdio.h>

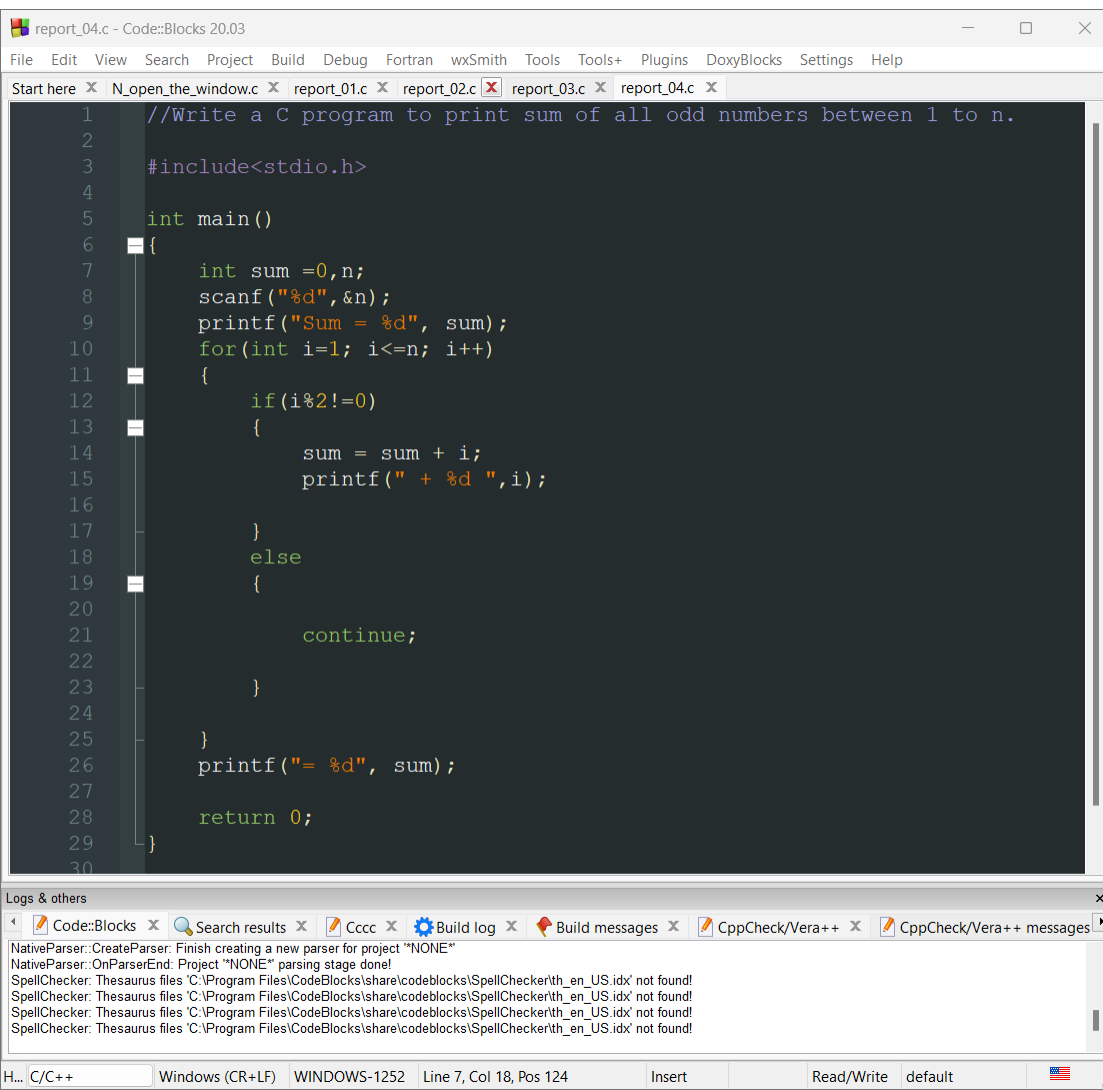
int main()
{
    int sum =0,n;
    scanf("%d",&n);
    printf("Sum = %d", sum);
    for(int i=1; i<=n; i++)
    {
        if(i%2==0)
        {
            sum = sum + i;
            printf(" + %d ",i);
        }
        else
        {
            continue;
        }
    }
    printf("= %d", sum);

    return 0;
}
```

20
Sum = 0 + 2 + 4 + 6 + 8 + 10 + 12 + 14 +
16 + 18 + 20 = 110
Process returned 0 (0x0) execution time : 12.2
16 s
Press any key to continue.

4.

Write a C program to print sum of all odd numbers between 1 to n.



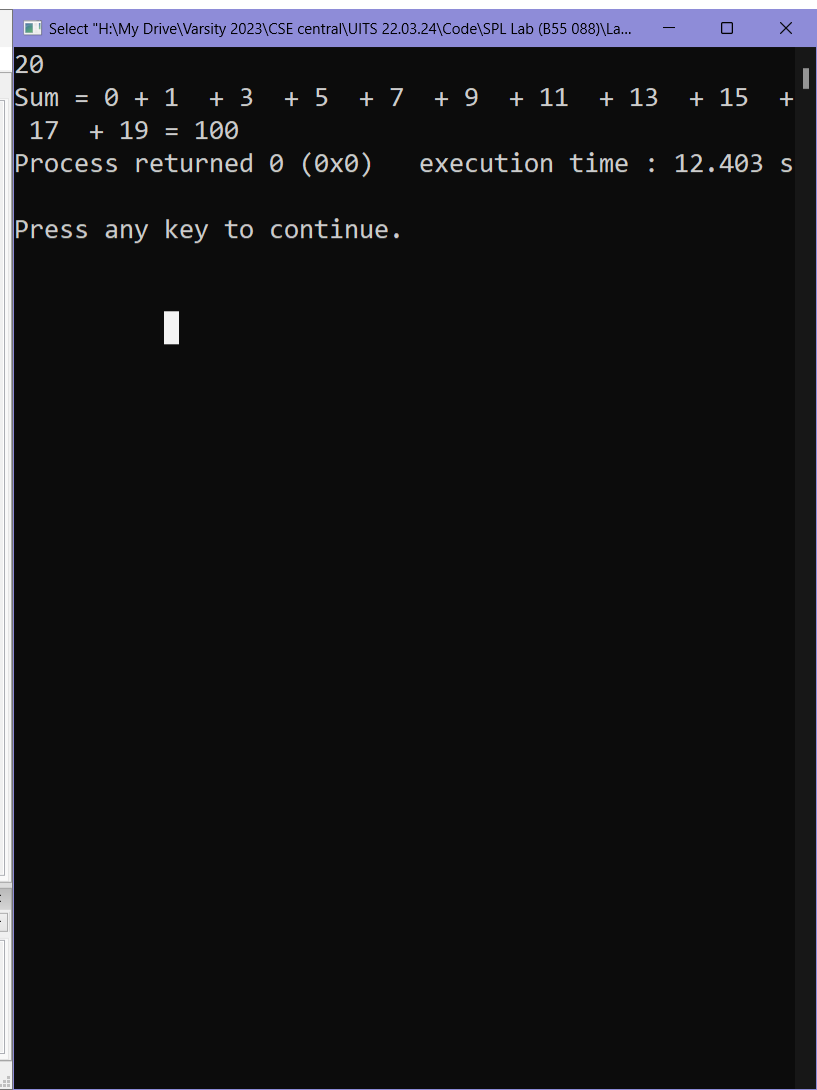
```
1 //Write a C program to print sum of all odd numbers between 1 to n.
2
3 #include<stdio.h>
4
5 int main()
6 {
7     int sum =0,n;
8     scanf("%d",&n);
9     printf("Sum = %d", sum);
10    for(int i=1; i<=n; i++)
11    {
12        if(i%2!=0)
13        {
14            sum = sum + i;
15            printf(" + %d ",i);
16
17        }
18        else
19        {
20
21            continue;
22
23        }
24    }
25    printf("= %d", sum);
26
27    return 0;
28
29 }
30
```

Logs & others

- Code::Blocks
- Search results
- Cccc
- Build log
- Build messages
- CppCheck/Vera++
- CppCheck/Vera++ messages

NativeParser::CreateParser: Finish creating a new parser for project "NONE"
NativeParser::OnParserEnd: Project "NONE" parsing stage done!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!

H... C/C++ Windows (CR+LF) WINDOWS-1252 Line 7, Col 18, Pos 124 Insert Read/Write default



```
Select "H:\My Drive\Varsity 2023\CSE central\UITS 22.03.24\Code\SPL Lab (B55 088)\La...
20
Sum = 0 + 1 + 3 + 5 + 7 + 9 + 11 + 13 + 15 +
17 + 19 = 100
Process returned 0 (0x0)    execution time : 12.403 s

Press any key to continue.
```

5.

Write a C program to print prime numbers between 1 to n.

```
report_05.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
Start here x N_open_the_window.c x report_01.c x report_02.c x report_03.c x report_04.c x report_05.c x
1 //Write a C program to print prime numbers between 1 to n.
2
3 #include<stdio.h>
4
5 int main()
6 {
7     int i, n, tmp;
8     scanf("%d", &n);
9     printf("The prime numbers from 1 to %d are: \n",n);
10
11     for(i = 1; i<=n; i++)
12         //divide by 2 and check if it's divisible by it's lower
13         values ???
14 {
15     if(i== 2 || i==3 || i ==2+3 || i == 2+2+3)
16     {printf("%d\n",i);}
17     else if(i!=1 && i%2!=0 && i%3!=0 && i%5!=0 && i%7!=0)
18     {printf("%d\n",i);}
19     else
20     {continue;}
21 }
22
23     return 0;
24 }
25
```

```
NativeParser::CreateParser: Finish creating a new parser for project "NONE"
NativeParser::OnParserEnd: Project "NONE" parsing stage done!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
```

H... C/C++ Windows (CR+LF) WINDOWS-1252 Line 10, Col 1, Pos 197 Insert Read/Write default

```
"H:\My Drive\Varsity 2023\CSE central\UITS 22.03.24\Code\SPL Lab (B55 088)\Lab report\Lab Report 04\codes\report_05.c"
50
The prime numbers from 1 to 50 are:
2
3
5
7
11
13
17
19
23
29
31
37
41
43
47

Process returned 0 (0x0)   execution time : 46.
Press any key to continue.
```

6.

Write a C program to print table of any number.

```
report_06.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
Start here x N_open_the_window.c x report_01.c x report_02.c x report_03.c x report_04.c x report_05.c x report_06.c x
1 //Write a C program to print (multiplication?)
2 table of any number.
3 #include<stdio.h>
4
5 int main()
6 {
7     int a;
8     scanf("%d", &a);
9
10    for(int i = 1; i<=10;i++)
11    {
12        printf("%d * %d = %d\n",a,i,a*i);
13    }
14
15    return 0;
16 }
17
18
```

```
Logs & others
Code::Blocks x Search results x Cccx x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages
NativeParser::CreateParser: Finish creating a new parser for project "NONE"
NativeParser::OnParserEnd: Project "NONE" parsing stage done!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
H... C/C++ Windows (CR+LF) WINDOWS-1252 Line 4, Col 1, Pos 90 Insert Read/Write default
```

```
"H:\My Drive\Varsity 2023\CSE central\UITS 22.03.24\Code\SPL Lab (B55 088)\Lab repor...
5 * 1 = 5
5 * 2 = 10
5 * 3 = 15
5 * 4 = 20
5 * 5 = 25
5 * 6 = 30
5 * 7 = 35
5 * 8 = 40
5 * 9 = 45
5 * 10 = 50

Process returned 0 (0x0) execution time : 12.5
04 s
Press any key to continue.
```


7.

Write a C program to enter any number and calculate sum of all natural numbers between 1 to n

The image shows a C program in the Code::Blocks IDE and its execution output. The program calculates the sum of natural numbers from 1 to n.

Code::Blocks IDE (Left Panel):

```

1 //Write a C program to enter any number and
  calculate sum of all natural numbers between 1
  to n
2
3 #include<stdio.h>
4
5 int main()
6 {
7     int i,n,sum;
8     sum=0;
9     printf("enter any number: \n");
10    scanf("%d", &n);
11    printf("\nsum of all natural numbers
  between: \n");
12    for(i=1; i<=n; i++)
13    {
14        sum= sum+i;
15    }
16    printf("%d",sum);
17    return 0;
18 }
19

```

Execution Output (Right Panel):

```

enter any number:
20

sum of all natural numbers between:
210
Process returned 0 (0x0)   execution time : 5.978 s
Press any key to continue.

```

Logs & others (Bottom Panel):

```

NativeParser::CreateParser: Finish creating a new parser for project "NONE"
NativeParser::OnParserEnd: Project "NONE" parsing stage done!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!

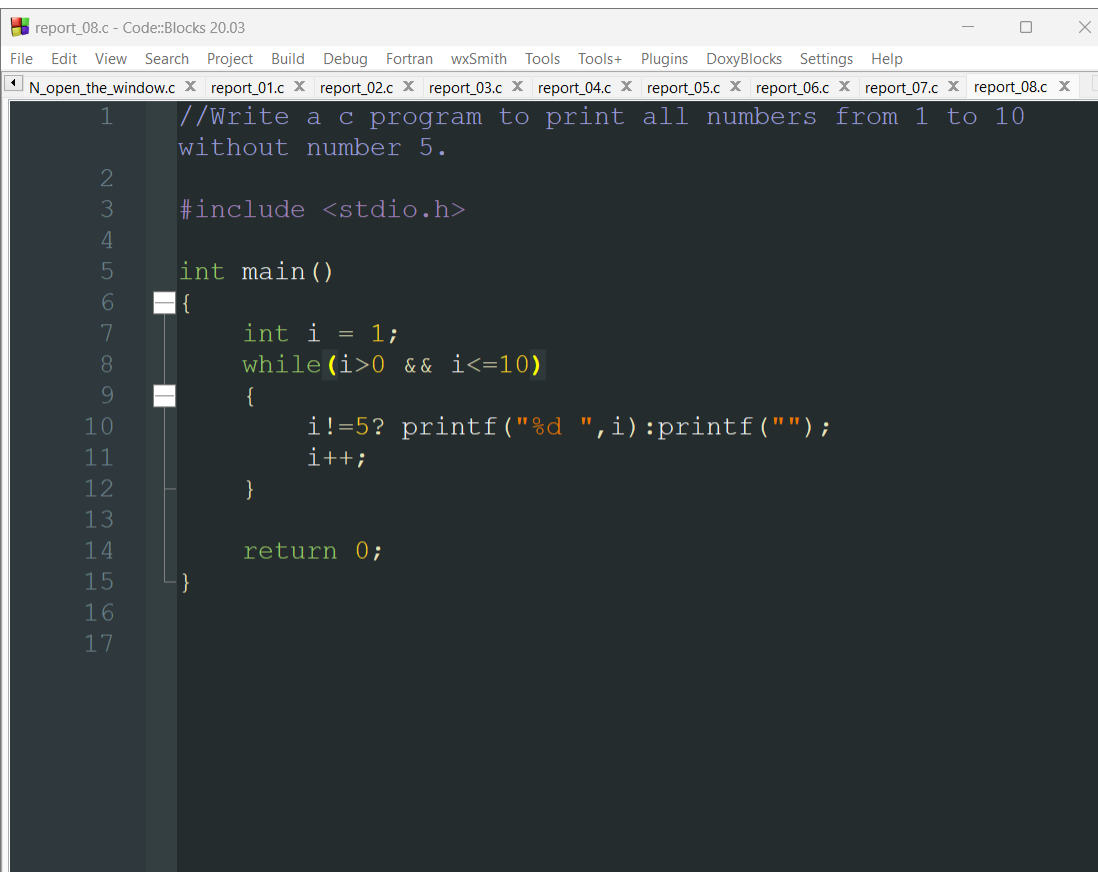
```

Status Bar: H... C/C++ Windows (CR+LF) WINDOWS-1252 Line 11, Col 18, Pos 241 Insert Read/Write default

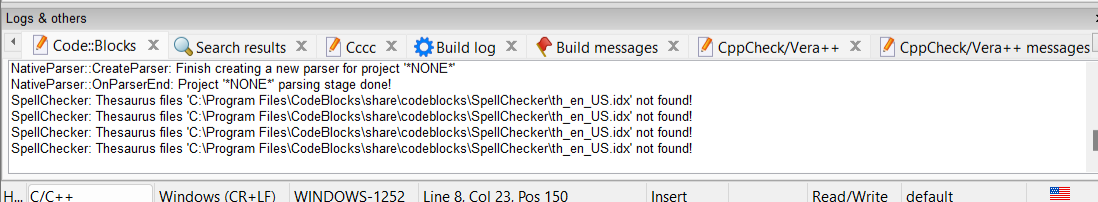
8.

Write a c program to print all numbers from 1 to 10 without number 5.

1 2 3 4 6 7 8 9 10



```
1 //Write a c program to print all numbers from 1 to 10
  without number 5.
2
3 #include <stdio.h>
4
5 int main()
6 {
7     int i = 1;
8     while(i>0 && i<=10)
9     {
10         i!=5? printf("%d ",i):printf("");
11         i++;
12     }
13
14     return 0;
15 }
16
17
```



NativeParser::CreateParser: Finish creating a new parser for project "NONE"

NativeParser::OnParserEnd: Project "NONE" parsing stage done!

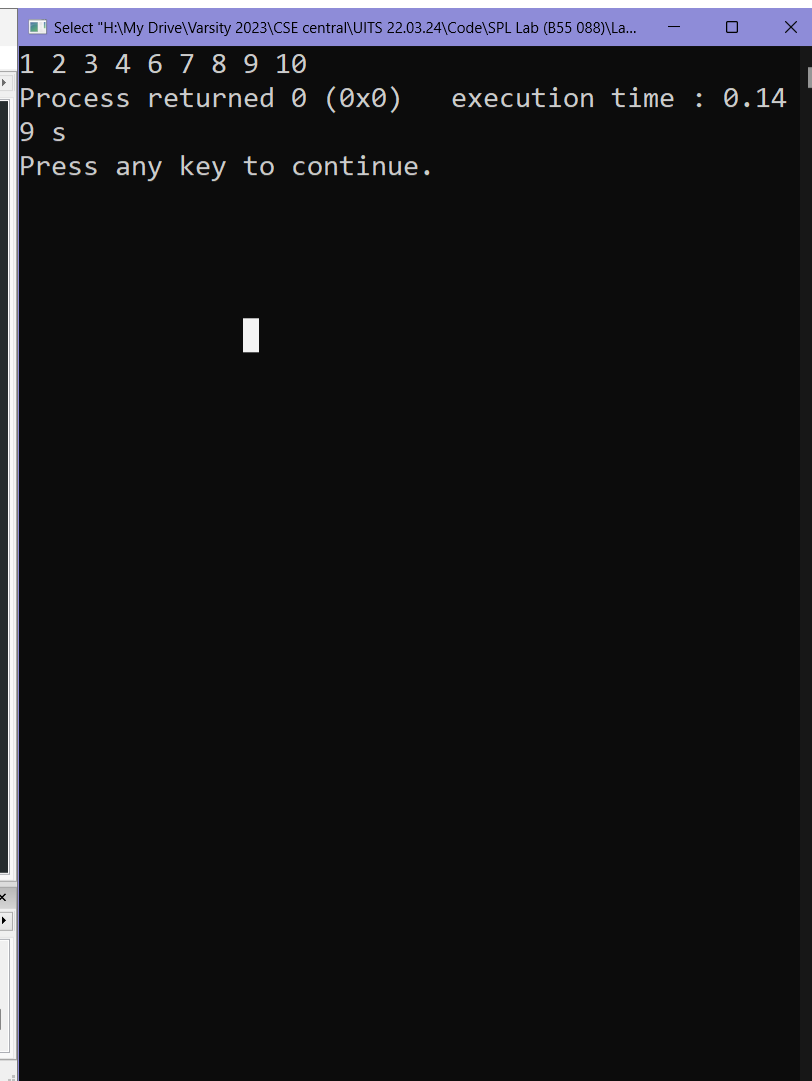
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!

SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!

SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!

SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!

Windows (CR+LF) WINDOWS-1252 Line 8, Col 23, Pos 150 Insert Read/Write default



```
Select "H:\My Drive\Varsity 2023\CSE central\UITS 22.03.24\Code\SPL Lab (B55 088)\La...
1 2 3 4 6 7 8 9 10
Process returned 0 (0x0)    execution time : 0.14
9 s
Press any key to continue.
```

9.

Write a c program to print all numbers from 1 to 10 where all even numbers will be 0.

1 0 3 0 5 0 7 0 9 0

The image shows a screenshot of a C code editor (Code::Blocks 20.03) and its terminal output. The code in the editor is a C program that prints numbers from 1 to 10, replacing even numbers with 0. The terminal output shows the execution of the program, displaying the sequence 1 0 3 0 5 0 7 0 9 0, the process return code 0, and the execution time 0.129 s.

```
1 //Write a c program to print all numbers from 1
2 to 10 where all even numbers will be 0.
3 #include <stdio.h>
4
5 int main()
6 {
7
8     int i = 1;
9     while(i>0 && i<=10)
10    {
11        i%2==0? printf("0 "):printf("%d ",i);
12        i++;
13    }
14    return 0;
15 }
16
17
18
```

1 0 3 0 5 0 7 0 9 0
Process returned 0 (0x0) execution time : 0.129 s
Press any key to continue.

NativeParser::CreateParser: Finish creating a new parser for project "NONE"
NativeParser::OnParserEnd: Project "NONE" parsing stage done!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!

H... C/C++ Windows (CR+LF) WINDOWS-1252 Line 1, Col 1, Pos 0 Insert Read/Write default

10.

Write a c program to print the following series

1	2
3	4
5	6
.	.
.	.
19	20

```

report_10.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
report_02.c x report_03.c x report_04.c x report_05.c x report_06.c x report_07.c x report_08.c x report_09.c x report_10.c x
1 //Write a c program to print the following series
2 //1 2
3 //..
4 //19 20
5
6 #include <stdio.h>
7
8 int main()
9 {
10
11     int i = 1;
12     while(i>=0 && i<=20)
13     {
14         printf("%d ",i);
15         i++;
16         printf("%d \n",i);
17         i++;
18     }
19     return 0;
20 }
21
22

```

Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x

NativeParser::CreateParser: Finish creating a new parser for project "NONE"

NativeParser::OnParserEnd: Project "NONE" parsing stage done!

SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!

SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!

SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!

SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!

H... C/C++ Windows (CR+LF) WINDOWS-1252 Line 1, Col 1, Pos 0 Insert Read/Write default

```

Select "H:\My Drive\Varsity 2023\CSE central\UITS 22.03.24\Code\SPL Lab (B55 088)\La...
1 2
3 4
5 6
7 8
9 10
11 12
13 14
15 16
17 18
19 20

```

Process returned 0 (0x0) execution time : 0.157 s
Press any key to continue.

11.

Write a c program to print the following series –

1	10
2	9
3	8
.	.
.	.
10	1

```
report_11.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
report_03.c x report_04.c x report_05.c x report_06.c x report_07.c x report_08.c x report_09.c x report_10.c x report_11.c x
1 //Write a c program to print the following series
2 //1 10
3 //..
4 //10 1
5
6 #include <stdio.h>
7
8 int main()
9 {
10
11     int i = 1;
12     while(i>=0 && i<=10){
13
14         printf("%d ",i);
15         i++;
16         printf("%d \n",12-i);
17
18     }
19     return 0;
20 }
21
22
```

```
Select "H:\My Drive\Varsity 2023\CSE central\UITS 22.03.24\Code\SPL Lab (B55 088)\La...
1 10
2 9
3 8
4 7
5 6
6 5
7 4
8 3
9 2
10 1

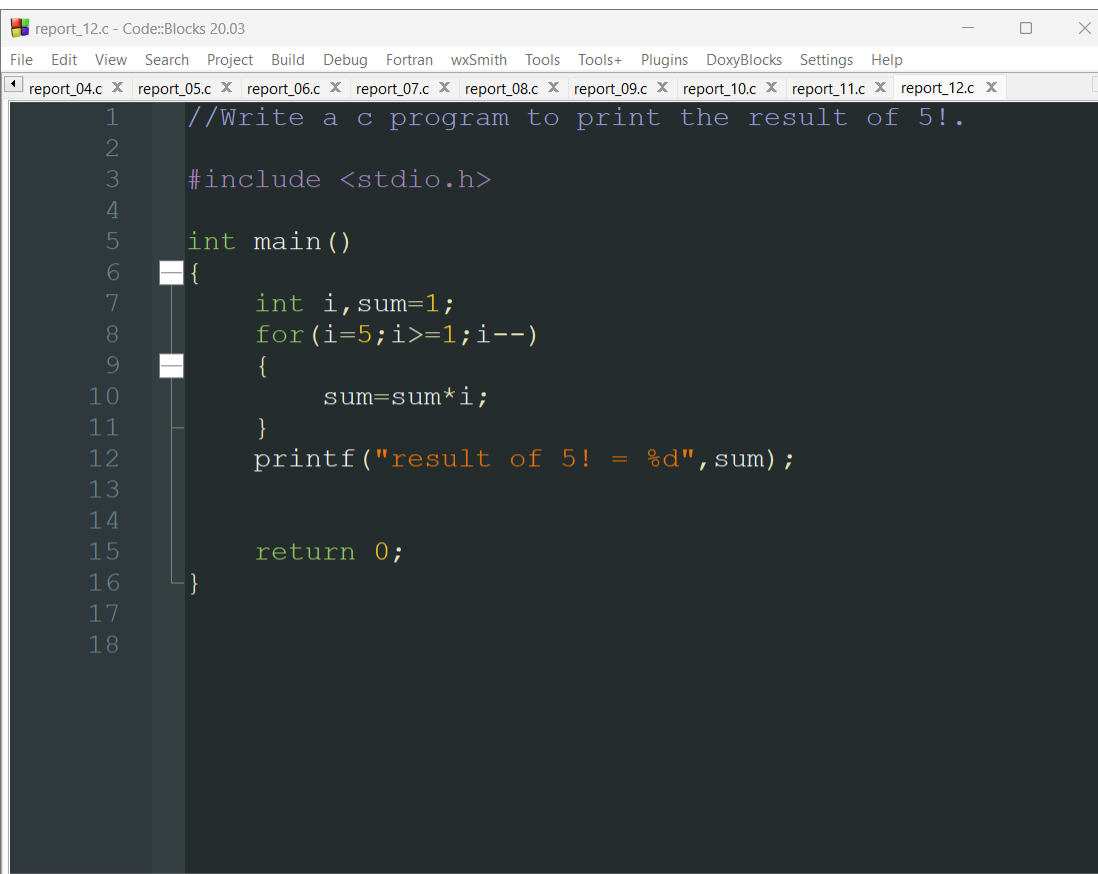
Process returned 0 (0x0)   execution time : 0.126 s
Press any key to continue.
```

```
Logs & others
C/C++ Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages
NativeParser::CreateParser: Finish creating a new parser for project "NONE"
NativeParser::OnParserEnd: Project "NONE" parsing stage done!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
SpellChecker: Thesaurus files "C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx" not found!
```

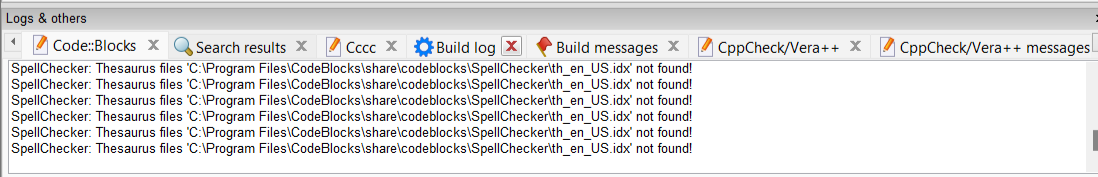
H... C/C++ Windows (CR+LF) WINDOWS-1252 Line 1, Col 1, Pos 0 Insert Read/Write default

12.

Write a c program to print the result of 5!.



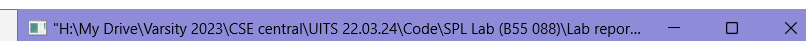
```
report_12.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
report_04.c x report_05.c x report_06.c x report_07.c x report_08.c x report_09.c x report_10.c x report_11.c x report_12.c x
1 //Write a c program to print the result of 5!.
2
3 #include <stdio.h>
4
5 int main()
6 {
7     int i,sum=1;
8     for(i=5;i>=1;i--)
9     {
10         sum=sum*i;
11     }
12     printf("result of 5! = %d",sum);
13
14
15     return 0;
16 }
17
18
```



Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages

SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!



```
"H:\My Drive\Varsity 2023\CSE central\UITS 22.03.24\Code\SPL Lab (B55 088)\Lab repor...
result of 5! = 120
Process returned 0 (0x0)   execution time : 0.107 s
Press any key to continue.
```

13.

Write a c program to find out the vowel and consonant by using for loop and mark it via 'v' and 'c' respectively.

```
report_13.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
report_05.c x report_06.c x report_07.c x report_08.c x report_09.c x report_10.c x report_11.c x report_12.c x report_13.c x
1 //Write a c program to find out the vowel and consonant by using
  for loop and mark it via 'v' and 'c' respectively.
2
3 #include<stdio.h>
4
5 int main()
6 {
7     char ch;
8     int count1=0,count2=0;
9     //scanf("%c", &ch);
10    for(ch='a'; ch<='z'; ch++)
11    {
12        if(ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=='u')
13        {
14            printf("V for %c\n",ch);
15        }
16        else
17        {
18            printf("C for %c\n",ch);
19        }
20    }
21
22    return 0;
23
24
25
26
27
28
V for a
C for b
C for c
C for d
V for e
C for f
C for g
C for h
V for i
C for j
C for k
C for l
C for m
C for n
V for o
C for p
C for q
C for r
C for s
C for t
V for u
C for v
C for w
C for x
C for y
C for z

Process returned 0 (0x0)   execution time : 0.092 s
Press any key to continue.
```

Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x

SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!

H... C/C++ Windows (CR+LF) WINDOWS-1252 Line 21, Col 10, Pos 467 Insert Read/Write default

14.

Write a c program to find and count the vowel, consonant and total character from 'a' to 'm' by using 'for loop' and mark it via 'v' and 'c' respectively.

```
report_14.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
report_06.c x report_07.c x report_08.c x report_09.c x report_10.c x report_11.c x report_12.c x report_13.c x report_14.c x
1 //Write a c program to find out the vowel and consonant by using for
2 loop and mark it via 'v' and 'c' respectively.
3
4 #include<stdio.h>
5
6 int main()
7 {
8     char ch;
9     int count1=0,count2=0,count3=0;
10    //scanf("%c", &ch);
11    for(ch='a'; ch<='m'; ch++)
12    {
13        if(ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=='u')
14        {
15            printf("V for %c\n",ch);
16            count1++;
17        }
18        else
19        {
20            printf("C for %c\n",ch);
21            count2++;
22        }
23        count3++;
24    }
25    printf("\n\nVowels found %d\n\nConsonants found %d\n\nTotal
26    characters %d\n",count1,count2,count3);
27
28    return 0;
29 }
```

```
Logs & others
x
Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
SpellChecker: Thesaurus files 'C:\Program Files\CodeBlocks\share\codeblocks\SpellChecker\th_en_US.idx' not found!
H... C/C++ Windows (CR+LF) WINDOWS-1252 Line 12, Col 42, Pos 319 Insert Read/Write default
```

```
"H:\My Drive\Varsity 2023\CSE central\UITS 22.03.24\Code\SPL Lab (B55 088)\Lab repor...
V for a
C for b
C for c
C for d
V for e
C for f
C for g
C for h
V for i
C for j
C for k
C for l
C for m

Vowels found 3

Consonants found 10

Total characters 13

Process returned 0 (0x0) execution time : 0.123 s
Press any key to continue.
```