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1.c - c c++ - Visual Studio Code

Assingment5 > Assingment6 > C 1.c > main()

```
1 #include<stdio.h>
2
3 int main()
4 {
5     int num,i,sum=0;
6     printf("Enter a number\n");
7     scanf("%d",&num);
8     for(i=0;i<=num;i++)
9     {
10         sum= sum+i;
11     }
12     printf("%d",sum);
13
14
15     return 0;
16 }
```



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2.c - c c++ - Visual Studio Code

Assingment5 > Assingment6 > C 2.c > main()

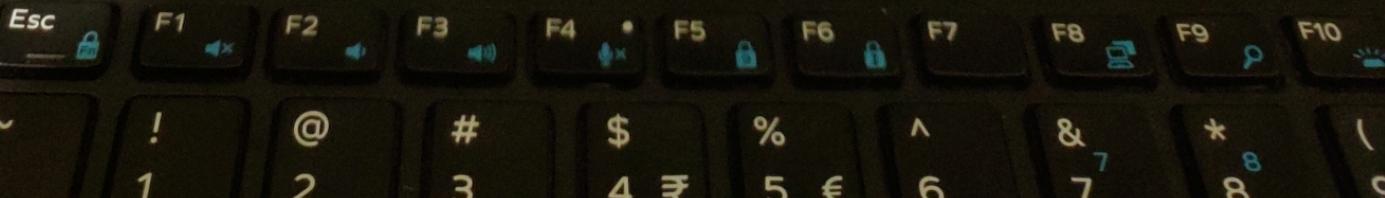
```
4  {
5      int num,i,sum=0;
6      printf("Enter a Number\n");
7      scanf("%d",&num);
8
9      for(i=2;i<=num;i+=2)
10     {
11         sum+=i;
12     }
13     printf("print all even number 1 to %d : %d",
14 return 0;
15 }
```



C/C++: gcc.exe build and debug active file (c c++)



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3.c - c c++ - Visual Studio Code



Get Started

C 3.c



Assingment5 > Assingment6 > C 3.c > ...

```
1 #include<stdio.h>
2
3 int main()
4 {
5     int num,i,sum=0;
6
7     printf("Enter a number\n");
8     scanf("%d",&num);
9
10    for(i=1;i<=num;i++)
11    {
12        while(i%2!=0){
13            printf("%d\n",i);
14            sum+=i;
15        }
16    }
17    printf("%d",sum);
18    return 0;
19 }
```

0 0 △ 0 C/C++: gcc.exe build and debug active file (c c++)



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4.c - c c++ - Visual Studio Code

Get Started C 4.c X

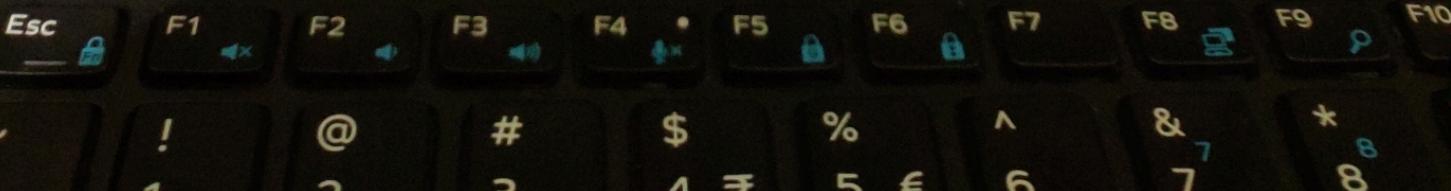
Assingment5 > Assingment6 > C 4.c > main()

```
1 #include<stdio.h>
2
3 int main()
4 {
5     int i, num, sum=0;
6
7     printf("Enter a number\n");
8     scanf("%d", &num);
9     for(i=1; i<=num; i++)
10    {
11        sum+=i*i;
12    }
13    printf("%d", sum); I
14
15    return 0;
16 }
17
```

① ② C/C++: gcc.exe build and debug active file (c c++)



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5.c - c c++ - Visual Studio Code



Get Started

5.c



Assingment5 > Assingment6 > 5.c > ...

```
1 #include<stdio.h>
2
3 int main()
4 {
5     int i, num, sum=0;
6
7     printf("print a number\n");
8     scanf("%d", &num);
9
10    for(i=1;i<=num;i++)
11    {
12        sum+=i*i*i;
13    }
14    printf("%d", sum);
15
16    return 0;
17
18 }
19
```

0 0 △ 0 C/C++: gcc.exe build and debug active file (c c++)



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6.c - C/C++ - Visual Studio Code



Get Started

6.c



```
Assingment5 > Assingment6 > 6.c > main()
1 #include<stdio.h>
2
3 int main()
4 {
5     int i, num, fact=1;
6     printf("enter a number\n");
7     scanf("%d", &num);
8
9     for(i=1; i<=num; i++)
10    {
11        fact = fact*i;
12    }
13    printf("%d", fact);
14    return 0;
15 }
```

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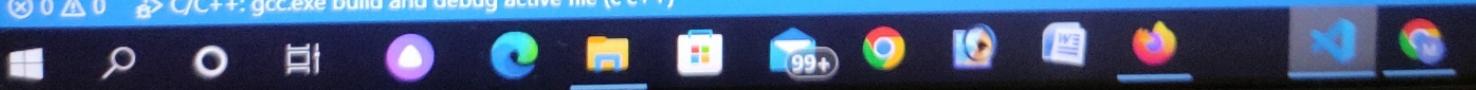
7.c - c c++ - Visual Studio Code

Get Started C 7.c ×

Assingment5 > Assingment6 > C 7.c > main()

```
1 #include<stdio.h>
2
3 int main()
4 {
5     int num, count=0;
6
7     printf("Enter a number\n");
8     scanf("%d", &num);
9     while(num!=0) {
10         num=num/10;
11         count++;
12     }
13     printf("%d", count);
14
15     return 0;
16 }
```

C/C++: gcc.exe build and debug active file (c c++)



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Get Started

8.c

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Assingment5 > Assingment6 > C 8.c > main()

```
1 #include<stdio.h>
2
3 int main()
4 {
5     int i,num,m=0,flag=0;
6     printf("print a number");
7     scanf("%d",&num);
8     m=num/2;
9     for(i=2;i<=m;i++)
10    {
11        if(num%i==0){
12            printf("number is not prime");
13            flag = 1;
14            break;
15        }
16    }
17    if(flag==0)
18    printf("number is prime");
19    return 0;
```

C/C++: gcc.exe build and debug active file (c c++)



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8.c - c c++ - Visual Studio Code

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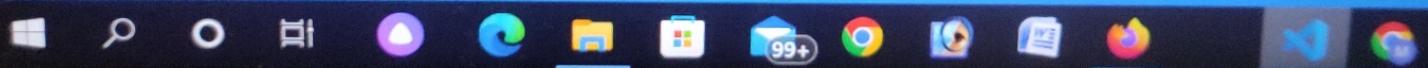
C 8.c

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Assingment5 > Assingment6 > C 8.c > main()

```
3 int main()
4 {
5     int i, num, m=0, flag=0;
6     printf("print a number");
7     scanf("%d", &num);
8     m=num/2;
9     for(i=2; i<=m; i++)
10    {
11        if(num%i==0){
12            printf("number is not prime");
13            flag = 1;
14            break;
15        }
16    }
17    if(flag==0)
18    printf("number is prime");
19    return 0;
20
21 }
```

① 0 ▲ 0 C/C++: gcc.exe build and debug active file (c c++)



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C 9.c

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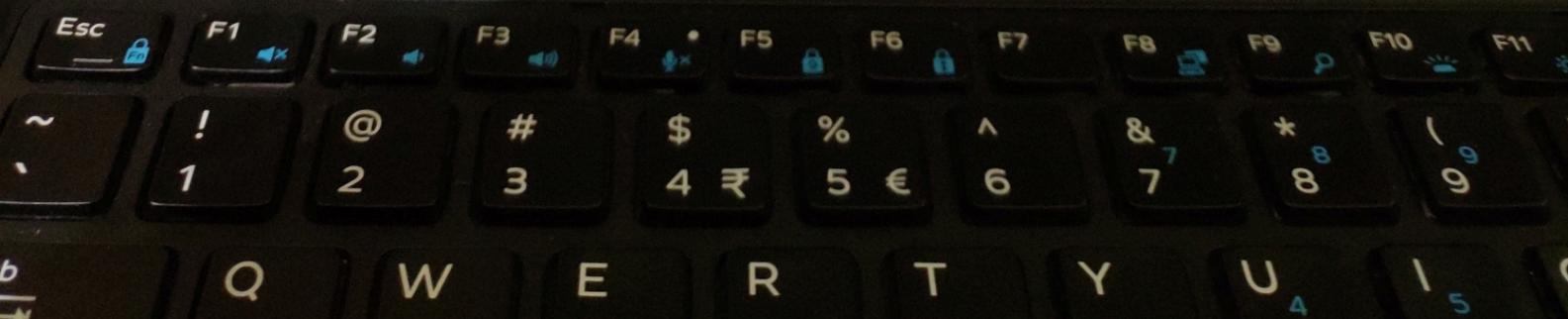
9.c - C/C++ - Visual Studio Code

Assingment5 > Assingment6 > C 9.c > main()

```
1 #include<stdio.h>
2
3 int main()
4 {
5     int i,n1,n2,gcd,LCM;
6
7     printf("Enter any two positive number\n");
8     scanf("%d %d",&n1,&n2);
9
10    for(i=1;i<=n1&&i<=n2;++i){
11        if(n1%i==0&&n2%i==0)
12            gcd=i;
13    }
14    LCM=(n1*n2)/gcd;
15    printf("the LCM of two numbers %d and %d is %d",n1,n2,LCM);
16 }
```



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10.c - c c++ - Visual Studio Code



Get Started

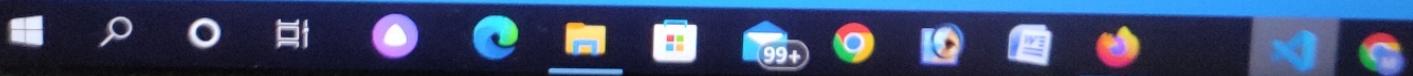
10.c



Assingment5 > Assingment6 > C 10.c > ...

```
1 #include<stdio.h>
2
3 int main()
4 {
5     int n,reverse=0,rem;
6
7     printf("Enter an integer:");
8     scanf("%d",&n);
9
10    while(n!=0)
11    {
12        rem=n%10;
13        reverse =reverse*10+rem;
14        n/=10;
15    }
16    printf("reversed number =%d",reverse);
17    return 0;
18 }
19
```

0 0 C/C++: gcc.exe build and debug active file (c c++)



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