

1. WAP to find sum of n integer terms.

```
#include <stdio.h>
```

```
int main () {
```

```
int n, sum = 0;
```

```
printf ("Enter a number to get sum upto  
that number : ");
```

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

```
for (int i = 1; i <= n; i++) {
```

```
sum = sum + i;
```

```
}
```

```
printf ("sum upto %d = %d", n, sum);
```

```
return 0;
```

```
}
```

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2. WAP to print table of any number.

```
#include <stdio.h>
```

```
int main() {
```

```
int n, i; n=0;
```

```
printf("Enter a number to print table of  
that number : ");
```

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

```
printf("Table of %d : \n", n);
```

```
for (i=1; i<=10; i++) {
```

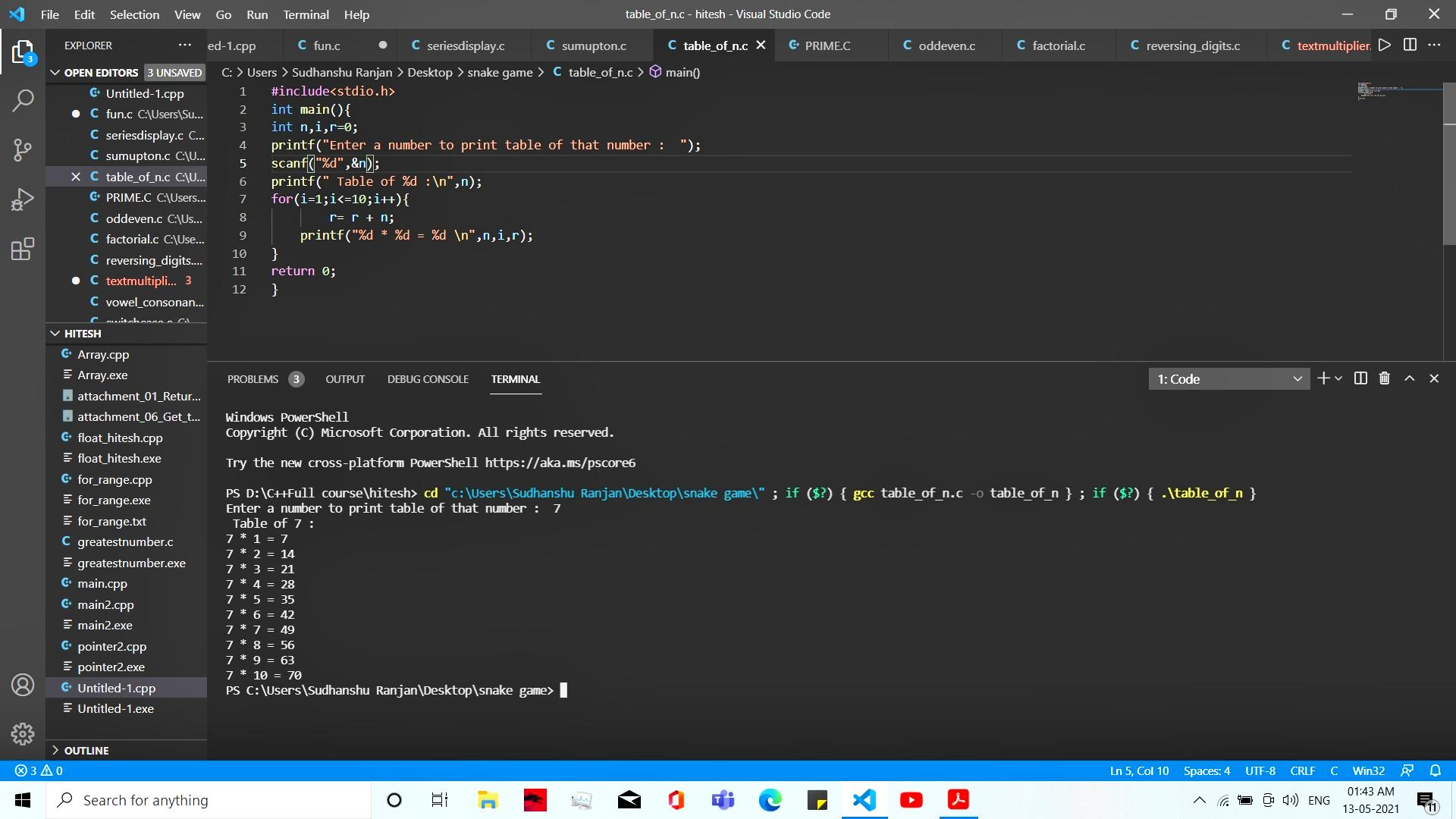
```
    r = n * i;
```

```
    printf("%d * %d = %d \n", n, i, r);
```

```
}
```

```
return 0;
```

```
}
```

7. WAP to find factorial of any given number.

```
#include <stdio.h>
```

```
int main() {
```

```
    int n, r = 1;
```

```
    printf("Enter a number to get factorial  
    of that number : \n");
```

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

```
    for (n; n > 0; n--) {
```

```
        r = r * n;
```

```
    }
```

```
    printf("factorial of given number is = %d\n",  
           r);
```

```
    return 0;
```

```
}
```

3

EXPLORER

...

3 UNSAVED

pointer2.cpp

for_range.cpp

float_hitesh.cpp

Untitled-1.cpp

fun.c C:\Users\Su...

seriesdisplay.c C...

PRIME.C C:\Users...

oddeven.c C\Us...

factorial.c C\Use...

reversing_digits....

textmultipli... 3

HITESH

Array.cpp

Array.exe

attachment_01_Retur...

attachment_06_Get_t...

float_hitesh.cpp

float_hitesh.exe

for_range.cpp

for_range.exe

for_range.txt

greatestnumber.c

greatestnumber.exe

main.cpp

main2.cpp

main2.exe

pointer2.cpp

pointer2.exe

Untitled-1.cpp

Untitled-1.exe

OUTLINE

fun.c

seriesdisplay.c

PRIME.C

oddeven.c

factorial.c

reversing_digits.c

textmultiplier.c 3

vowel_consonant.c

switchcase.c

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...

C:\Users > Sudhanshu Ranjan > Desktop > snake game > factorial.c > main()

1 #include<stdio.h>

2 int main(){

3 int n,r= 1;

4 printf("Enter a number to get factorial of that number : \n");

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

6 for(n ; n > 0 ; n--){

7

8 r = r*n;

9

10 }

11 printf("factorial of given number is = %d \n",r);

12

13 return 0;

14 }

PROBLEMS 3

OUTPUT

DEBUG CONSOLE

TERMINAL

1: Code

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Windows PowerShell

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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS D:\C++Full course\hitesh> cd "C:\Users\Sudhanshu Ranjan\Desktop\snake game\" ; if (\$?) { gcc factorial.c -o factorial } ; if (\$?) { .\factorial }

Enter a number to get factorial of that number :

5

factorial of given number is = 120

PS C:\Users\Sudhanshu Ranjan\Desktop\snake game>

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4. WAP to reverse an inputted number.

```
#include <stdio.h>
```

```
int main() {
```

```
int n, b, rev = 0;
```

```
printf ("Enter a number to print reversed
```

```
order of that digits of that number : \n");
```

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

```
while (n != 0)
```

```
{
```

```
b = n % 10;
```

```
rev = rev * 10 + b;
```

```
n = n / 10;
```

```
}
```

```
printf ("Reversed order of the digits is =
```

```
%d \n", rev);
```

```
return 0;
```

```
}
```

