

FileEditSelectionViewGoRunTerminalHelp

project1.c - Future skill - Visual Studio Code

EXPLORERGet Startedproject1.c Xproject2.c

FUTURE SKILL

> .dist

project1.c

project1.exe

project2.c

project2.exe

1#include <stdio.h>

2

3double power(int n,int p){

4 if(p==0)

5 return 1;

6 return n\*power(n,p-1);

7}

8

9int main(){

10 int n;

11

12 printf("Number to be calculated : ");

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

14

15 printf("-----\n");

16 printf("-CLASS PROJECT EXAMPLE RESULT-\n");

17 printf("-----\n");

18 for(int i=1;i<=10;i++)

19 printf("%d ^ %d = %.0lf\n",n,i,power(n,i));

20

21 return 0;

22}

PROBLEMSOUTPUTDEBUG CONSOLETERMINAL

Code + ↻ 🗑 ⬆ ✕

PS D:\Code\C\Future skill> cd "d:\Code\C\Future skill\" ; if (\$?) { gcc project1.c -o project1 } ; if (\$?) { .\project1 }  
Number to be calculated : 5  
-----  
-CLASS PROJECT EXAMPLE RESULT-  
-----  
5 ^ 1 = 5  
5 ^ 2 = 25  
5 ^ 3 = 125  
5 ^ 4 = 625  
5 ^ 5 = 3125  
5 ^ 6 = 15625  
5 ^ 7 = 78125  
5 ^ 8 = 390625  
5 ^ 9 = 1953125  
5 ^ 10 = 9765625  
PS D:\Code\C\Future skill>

> OUTLINE

> TIMELINE

> SERVERS

> SONARLINT RULES

> SONARLINT ISSUE LOCATIONS

> SONARLINT CONNECTED MODE

CodeTogether 0 0 ⚠ Select folder.

Ln 11, Col 5Spaces: 4UTF-8CRLF CWin32

15:5510/12/2565

C project1.c

A screenshot of a terminal window titled "C project2.c X". The terminal shows the command `gcc -o project2.exe project2.c` being executed, followed by the output `project2.exe`. The prompt is `C:\Users\user>`.

```
C:\Users\user> gcc -o project2.exe project2.c  
project2.exe  
C:\Users\user>
```

➤ **Project 2**

➤ **Task 1**: Implement a function to calculate the factorial of a number.

➤ **Task 2**: Implement a function to check if a number is prime or not.

➤ **Task 3**: Implement a function to find the greatest common divisor (GCD) of two numbers.

➤ **Task 4**: Implement a function to find the least common multiple (LCM) of two numbers.

➤ **Task 5**: Implement a function to calculate the sum of all even numbers from 1 to n.

```
C project2.c > main()
```

```

C project1.c

```



project1.exe

C project2.c

```
≡ project2.exe
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS D:\Code\C\Future skill> cd "d:\Code\C\Future skill\" ; if ($?) { gcc project2.c -o project2 } ; if ($?) { .\project2 }
Input student name : Somchai
Input student score : 75
-----
-CLASS PROJECT EXAMPLE RESULT-
-----
Somchai's grade is B
PS D:\Code\C\Future skill>
```

## > OUTLINE




## > TIMELINE

&gt; SERVERS

## SONARLINT RULES

## SONARLINT ISSUE LOCATIONS

> SONARLINT CONNECTED MODE

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