```c
#include <stdio.h>
void factorsInRange(int, int);
void main()
{
    int start, end;
    printf("Enter the range \nStart:");
    scanf("%d", &start);
    printf("\nEnd");
    scanf("%d", &end);
    factorsInRange(start, end);
}
void factorsInRange(int start, int end)
{
    for (start; start <= end; start++)
    {
        printf("Factors of %d : ", start);
        for (int i = 1; i <= start; i++)
        {
            if (start % i == 0)
            {
                printf(" %d ", i);
            }
        }
        printf("\n");
    }
}
```

Terminal output:

```
-bochzswr.tjc' '--dbgExe=C:\TDM-GCC-64\bin\gdb.exe' '--interpreter=mi'
Enter the range
Start:5

End15
Factors of 5 :  1  5
Factors of 6 :  1  2  3  6
Factors of 7 :  1  7
Factors of 8 :  1  2  4  8
Factors of 9 :  1  3  9
Factors of 10 :  1  2  5  10
Factors of 11 :  1  11
Factors of 12 :  1  2  3  4  6  12
Factors of 13 :  1  13
Factors of 14 :  1  2  7  14
Factors of 15 :  1  3  5  15
PS C:\Code>
```

```c
#include <stdio.h>
void main()
{
    int b, e;
    printf("Enter Base");
    scanf("%d", &b);
    printf("Enter Power(expon..) :");
    scanf("%d", &e);
    printf("\n%d : is %d power %d", myPow(b, e), b, e);
}
int myPow(int base, int expo)
{

    for (int i = 1; i <expo; i++)
    {
        base *= base;
    }
    return base;
}
```

PROBLEMS 1   TERMINAL   DEBUG CONSOLE   OUTPUT   PORTS

```
25 : is 5 poer 2
PS C:\Code>
PS C:\Code>  & 'c:\Users\bhagv\.vscode\extensions\ms-vscode.cpptools-1.21.6-win32-x64\debugAdapters\bin\WindowsDebugLauncher.exe' '--stdin=Microsoft-M
IEngine-In-zegdddfg.pos' '--stdout=Microsoft-MIEngine-Out-p3vpubfs.hoe' '--stderr=Microsoft-MIEngine-Error-p5vgkmr5.0qd' '--pid=Microsoft-MIEngine-Pid
-d3q0memo.pyr' '--dbgExe=C:\TDM-GCC-64\bin\gdb.exe' '--interpreter=mi'
Enter Base5
Enter Power(expon..) :3

625 : is 5 power 3
PS C:\Code> []
```

powershell
C/C++: ...
cppdbg: Q1...
cppdbg: Q2...

main*   ⊗ 0 ⚠ 1   ⚡ 0   Indexing completed.   Ln 12, Col 2   Spaces: 4   UTF-8   CRLF   {} C   Go Live   Win32   Prettier

Q Search

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Bhagvat Mutthe |