3. WAP to generate the following set of output:

a.

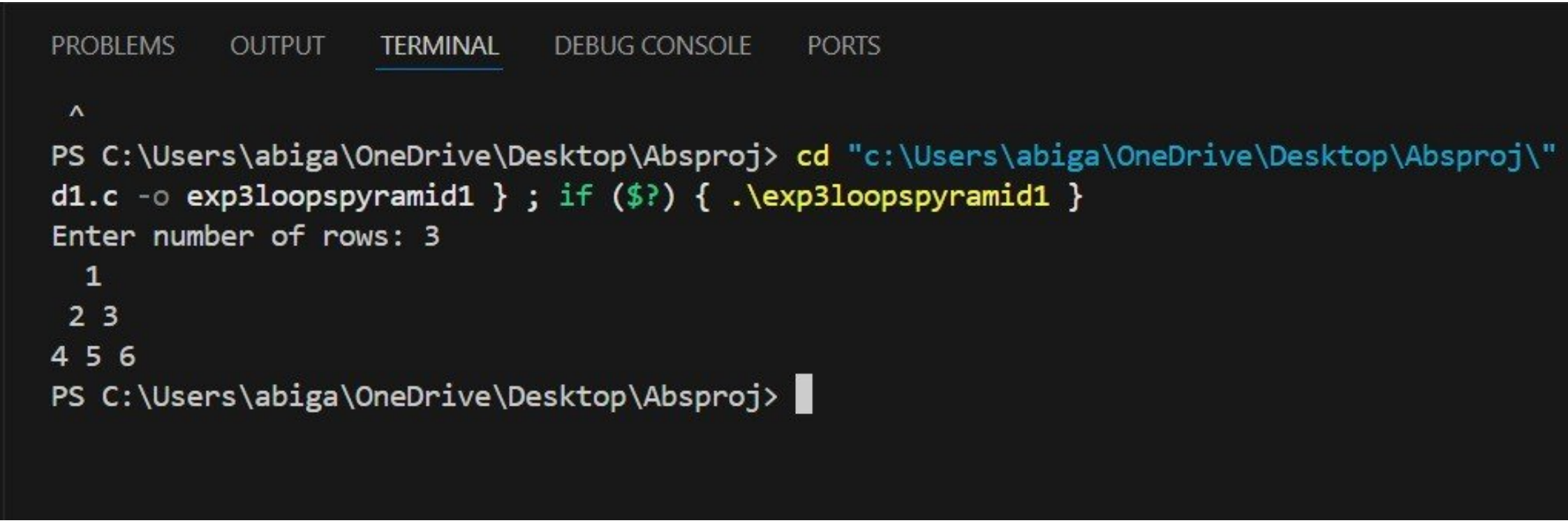
```
1
2 3
4 5 6
```

```
#include <stdio.h>
int main () {
    int rows, num = 1;
    printf ("Enter number of rows : ");
    scanf ("%d", &rows);
    for (int i=1 ; i<= rows ; i++) {
        // Print leading spaces.
```

```
for (int j=1 ; j<= rows - i ; j++) {
printf (" ");
}
 // Print numbers with space
for (int k=1 ; K<=i ; K++) {
   printf ("%d", num);
   num++ ;
 }
// Move to next line
printf ("\n");
}
return 0;
}
```

exp3loopspyramid1.c

```c

#include <stdio.h>

int main() {
    int rows, num = 1;


    printf("Enter number of rows: ");
    scanf("%d", &rows);

    for (int i = 1; i <= rows; i++) {
        // Print leading spaces
        for (int j = 1; j <= rows - i; j++) {
            printf(" ");
        }

        // Print numbers with space
        for (int k = 1; k <= i; k++) {
            printf("%d ", num);
            num++;
        }

        // Move to next line
        printf("\n");
    }

    return 0;
}

```


PROBLEMS
OUTPUT
TERMINAL
DEBUG CONSOLE
PORTS
^
PS C:\Users\abiga\OneDrive\Desktop\Absproj> cd "c:\Users\abiga\OneDrive\Desktop\Absproj\"
d1.c -o exp3loopspyramid1 } ; if ($?) { .\exp3loopspyramid1 }
Enter number of rows: 3
1
2 3
4 5 6
PS C:\Users\abiga\OneDrive\Desktop\Absproj>