HASH AGILE ASSESSMENT

CODE :
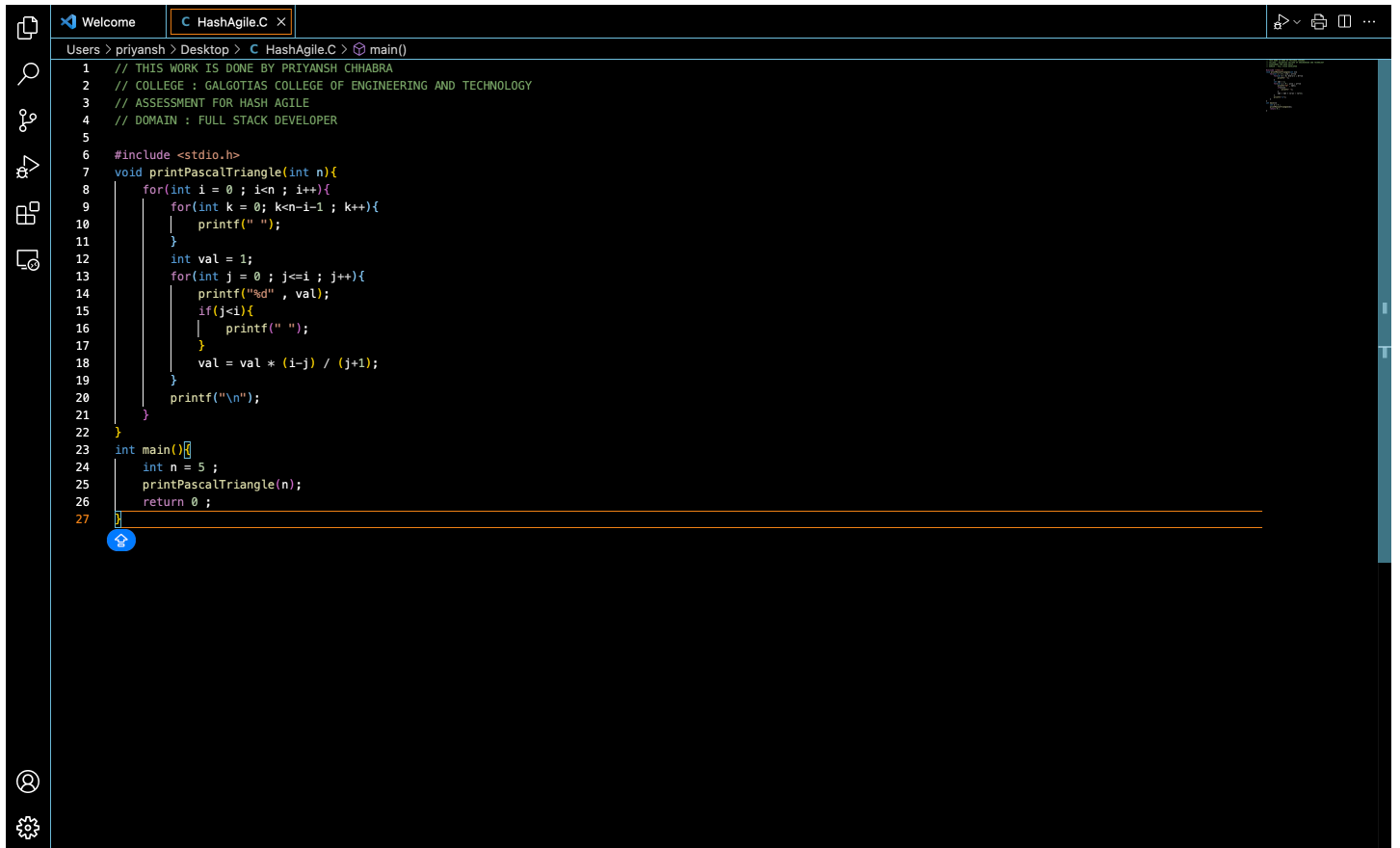
`~/Desktop/HashAgile.C`

```c
1  // THIS WORK IS DONE BY PRIYANSH CHHABRA
2  // COLLEGE : GALGOTIAS COLLEGE OF ENGINEERING AND TECHNOLOGY
3  // ASSESSMENT FOR HASH AGILE
4  // DOMAIN : FULL STACK DEVELOPER
5
6  #include <stdio.h>
7  void printPascalTriangle(int n){
8      for(int i = 0 ; i<n ; i++){
9          for(int k = 0; k<n-i-1 ; k++){
10             printf(" ");
11         }
12         int val = 1;
13         for(int j = 0 ; j<=i ; j++){
14             printf("%d" , val);
15             if(j<i){
16                 printf(" ");
17             }
18             val = val * (i-j) / (j+1);
19         }
20         printf("\n");
21     }
22 }
23 int main(){
24     int n = 5 ;
25     printPascalTriangle(n);
26     return 0 ;
27 }
```

OUTPUT :

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


...Program finished with exit code 0
Press ENTER to exit console.
```

VS CODE SCREENSHOT :

```c
// THIS WORK IS DONE BY PRIYANSH CHHABRA
// COLLEGE : GALGOTIAS COLLEGE OF ENGINEERING AND TECHNOLOGY
// ASSESSMENT FOR HASH AGILE
// DOMAIN : FULL STACK DEVELOPER

#include <stdio.h>
void printPascalTriangle(int n){
    for(int i = 0 ; i<n ; i++){
        for(int k = 0; k<n-i-1 ; k++){
            printf(" ");
        }
        int val = 1;
        for(int j = 0 ; j<=i ; j++){
            printf("%d" , val);
            if(j<i){
                printf(" ");
            }
            val = val * (i-j) / (j+1);
        }
        printf("\n");
    }
}
int main(){
    int n = 5 ;
    printPascalTriangle(n);
    return 0 ;
}
```