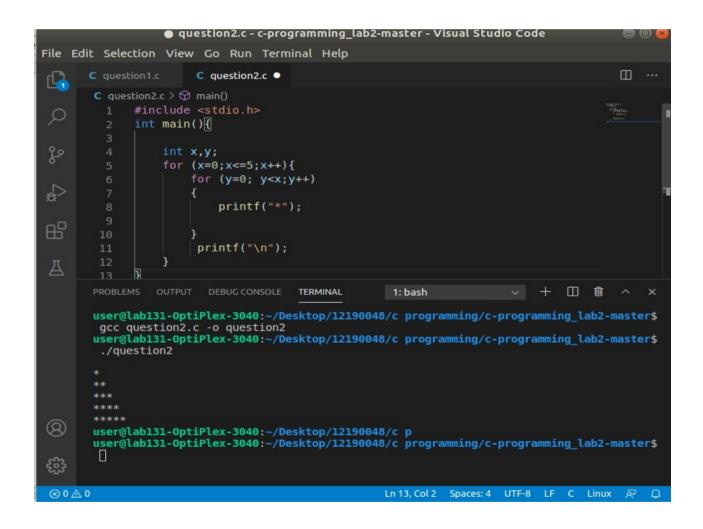
## DhendupGhishing@12190048/lab2-C-programming

## Answer 1

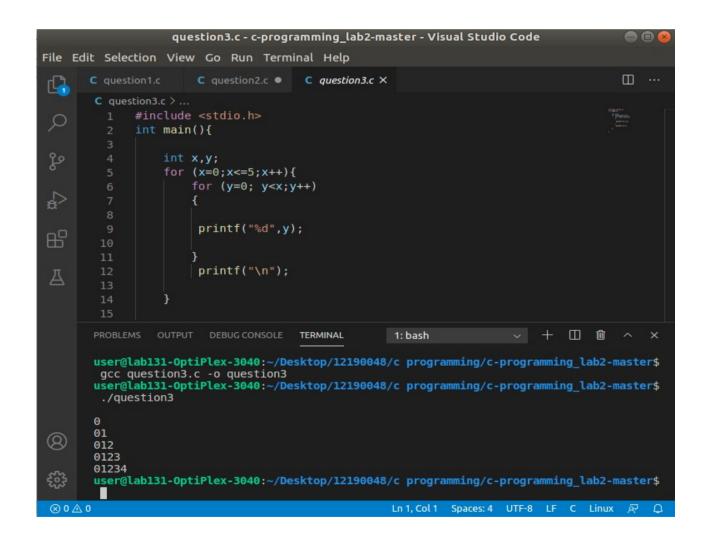
```
#include <stdio.h>
int main(){
    char A[2][4] = {{ 'A', 'B', 'C', 'D' }, { 'a', 'b', 'c', 'd' }};
    char B [2][4] = {{ 'A', 'B', 'C', 'D' }, { 'E', 'F', 'G', 'H' }};
    int i,x,j;
    for(i=0; i<2;i++){
        for(j=0;j<4;j++){
        x=A[i][j] == B[i][j];
        printf(" \n %c and %c is %d ",A[i][j],B[i][j],x);
    }
}</pre>
```

```
C question1.c X
C question1.c > ♥ main()
     int main(){
     char A[2][4] = {{ 'A', 'B', 'C', 'D' }, { 'a', 'b', 'c', 'd' }};
char B [2][4] = {{ 'A', 'B', 'C', 'D' }, { 'E', 'F', 'G', 'H' }};
       for(i=0; i<2;i++){
            for(j=0;j<4;j++){
                 x=A[i][j] == B[i][j];
                 printf(" \n %c and %c is %d ",A[i][j] ,B[i][j],x);
        }
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
                                                                                                          1: bash
user@lab131-OptiPlex-3040:~/Desktop/12190048/c programming/c-programming_lab2-master$ gcc question1.c -o question1
user@lab131-OptiPlex-3040:~/Desktop/12190048/c programming/c-programming_lab2-master$ ./question1
 A and A is 1
 B and B is 1
 C and C is 1
 D and D is 1
 a and E is 0
 b and F is 0
c and G is 0
user@lab131-OptiPlex-3040:~/Desktop/12190048/c programming/c-programming_lab2-master$
```

```
Answer 2
#include <stdio.h>
int main(){
int x,y;
for (x=0;x<=5;x++){
for (y=0; y<x;y++)
{
printf("*");
}
printf("\n");
}
```



```
Answer 3
#include <stdio.h>
int main(){
int x,y;
for (x=0;x<=5;x++){
for (y=0; y<x;y++)
{
printf("%d",y);
}
printf("\n");
}
}
```



```
Answer 4
#include <stdio.h>
int main() {
  int x,y;
  for (x=5;x>=0;x--) {
    for (y=0; y<=x;y++) {
      printf("*");
    }
    printf("\n");
    }
```

```
question4.c - c-programming_lab2-master - Visual Studio Code
                                                                                             File Edit Selection View Go Run Terminal Help
                                         C question4.c X
LC)
              int main(){
                   int x,y;
                   for (x=5;x>=0;x--){
                       for (y=0; y<=x;y++)
                            printf("*");
B
                        printf("\n");
                                                                                   TERMINAL
                                                       1: bash
                                                                                        user@lab131-OptiPlex-3040:~/Desktop/12190048/c programming/c-programming_lab2-master$
        gcc question4.c -o question4
user@lab131-OptiPlex-3040:~/Desktop/12190048/c programming/c-programming_lab2-master$
        ./question4
*****
(Q)
        user@lab131-OptiPlex-3040:~/Desktop/12190048/c programming/c-programming_lab2-master$
                                                       Ln 1, Col 1 Spaces: 4 UTF-8 LF C Linux
 ⊗0∆0
```

## DhendupGhishing@12190048/lab2-C-programming

## Answer 5

```
#include <stdio.h>
int main(){

int A [8]= { 0, 0, 0, 0, 1, 1, 1, 1 };
int B[8] = { 0, 0, 1, 1, 0, 0, 1, 1 };
int C[8] = { 0, 1, 0, 1, 0, 1, 0, 1 };
int i, y;
for(i=0;i<8;i++){
y=A[i] && B[i] && C[i];
printf(" \n %d and %d and %d is %d ",A[i] , B[i] , C[i],y);
}
}
```

```
question5.c - c-programming_lab2-master - Visual Studio Code
                                                                                      File Edit Selection View Go Run Terminal Help
                                      C question5.c X
                                                                                     int main(){
               int A [8]= { 0, 0, 0, 0, 1, 1, 1, 1 };
                int B[8] = { 0, 0, 1, 1, 0, 0, 1, 1 };
                int C[8] = { 0, 1, 0, 1, 0, 1, 0, 1 };
              int i, y;
              for(i=0;i<8;i++){
                  y=A[i] && B[i] && C[i];
B
                  printf(" \n %d and %d and %d is %d ",A[i] , B[i] , C[i],y);
                                     TERMINAL
                                                  1: bash
                                                                             user@lab131-OptiPlex-3040:~/Desktop/12190048/c programming/c-programming_lab2-master$
        ./question5
        0 and 0 and 0 is 0
        0 and 0 and 1 is 0
        0 and
              1 and 0 is 0
        0 and
              1 and 1 is 0
(2)
        1 and 0 and 0 is 0
        1 and 0 and 1 is 0
        1 and 1 and 0 is 0
       00m$ [ab131-OptiPlex-3040:~/Desktop/12190048/c programming/c-programming_lab2-master
```