

NAME: AREEFA SAMAR

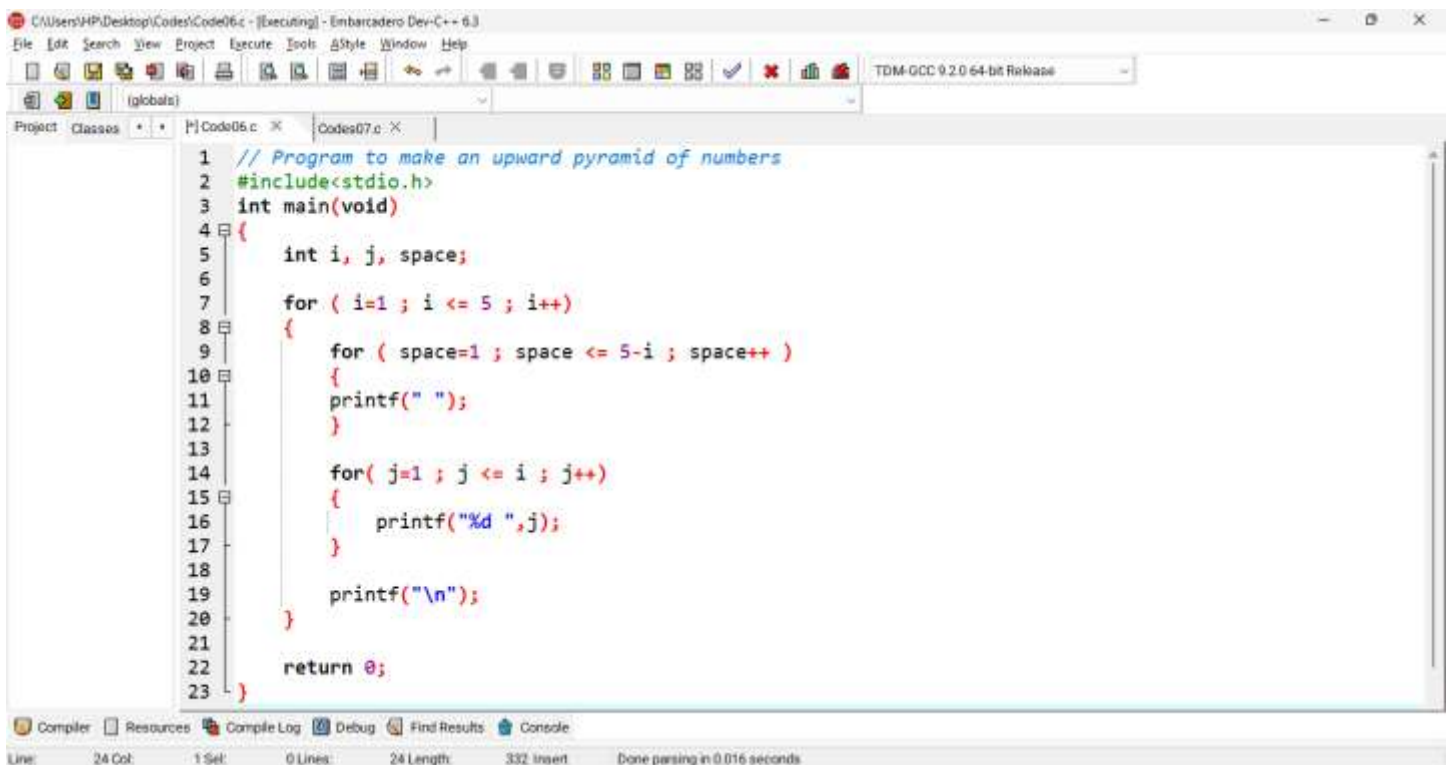
ROLL NO: CT-25062

CLASS: BCIT

SECTION: B

QUESTION 01: Write a C program to make an upward pyramid of numbers.

SOURCE CODE:

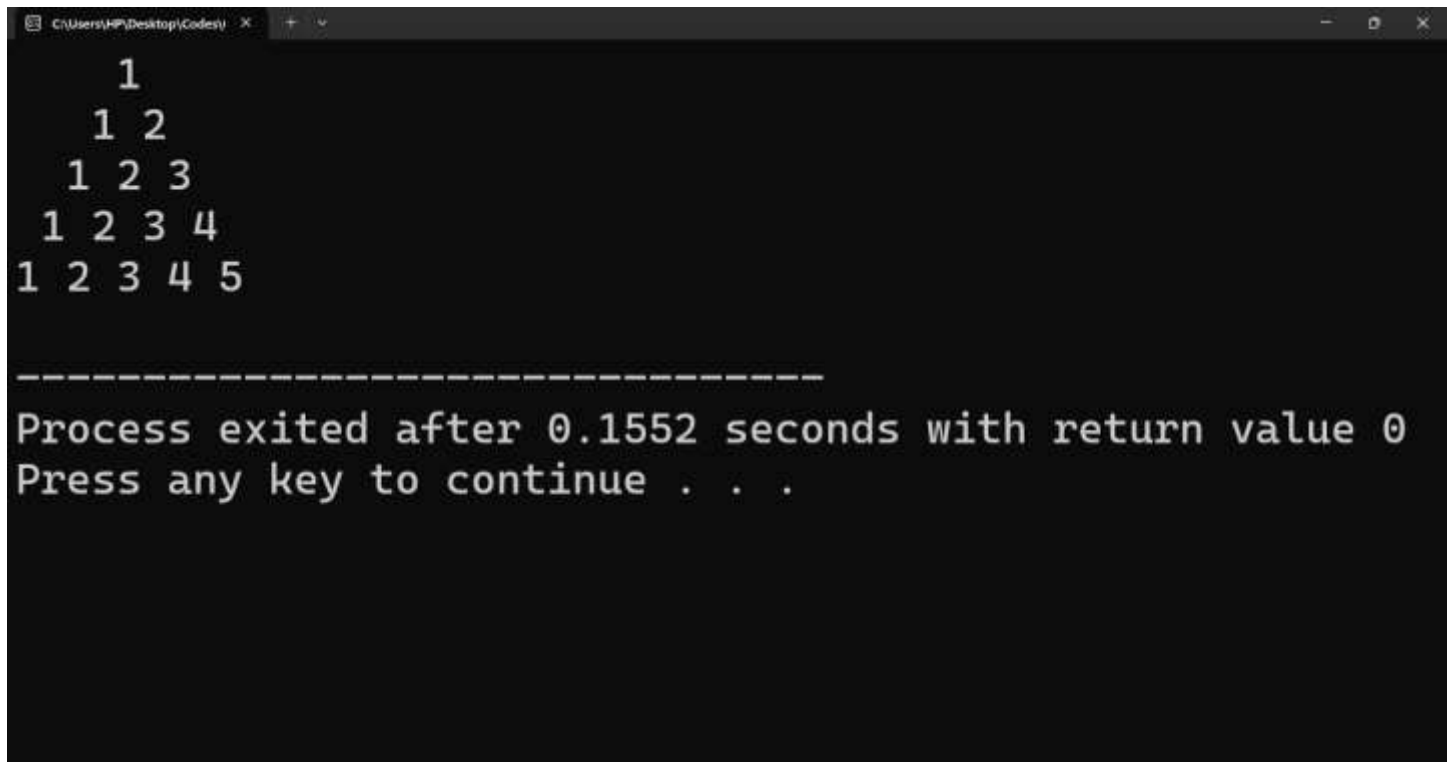


The screenshot shows a code editor window with the following C program:

```
1 // Program to make an upward pyramid of numbers
2 #include<stdio.h>
3 int main(void)
4 {
5     int i, j, space;
6
7     for ( i=1 ; i <= 5 ; i++)
8     {
9         for ( space=1 ; space <= 5-i ; space++ )
10        {
11            printf(" ");
12        }
13
14        for( j=1 ; j <= i ; j++)
15        {
16            printf("%d ",j);
17        }
18
19        printf("\n");
20    }
21
22    return 0;
23 }
```

The IDE interface includes a menu bar (File, Edit, Search, View, Project, Execute, Tools, Style, Window, Help), a toolbar, and a status bar at the bottom showing 'Line: 24 Col: 1 Sel: 0 Lines: 24 Length: 332 Insert Done parsing in 0.016 seconds'.

OUTPUT:



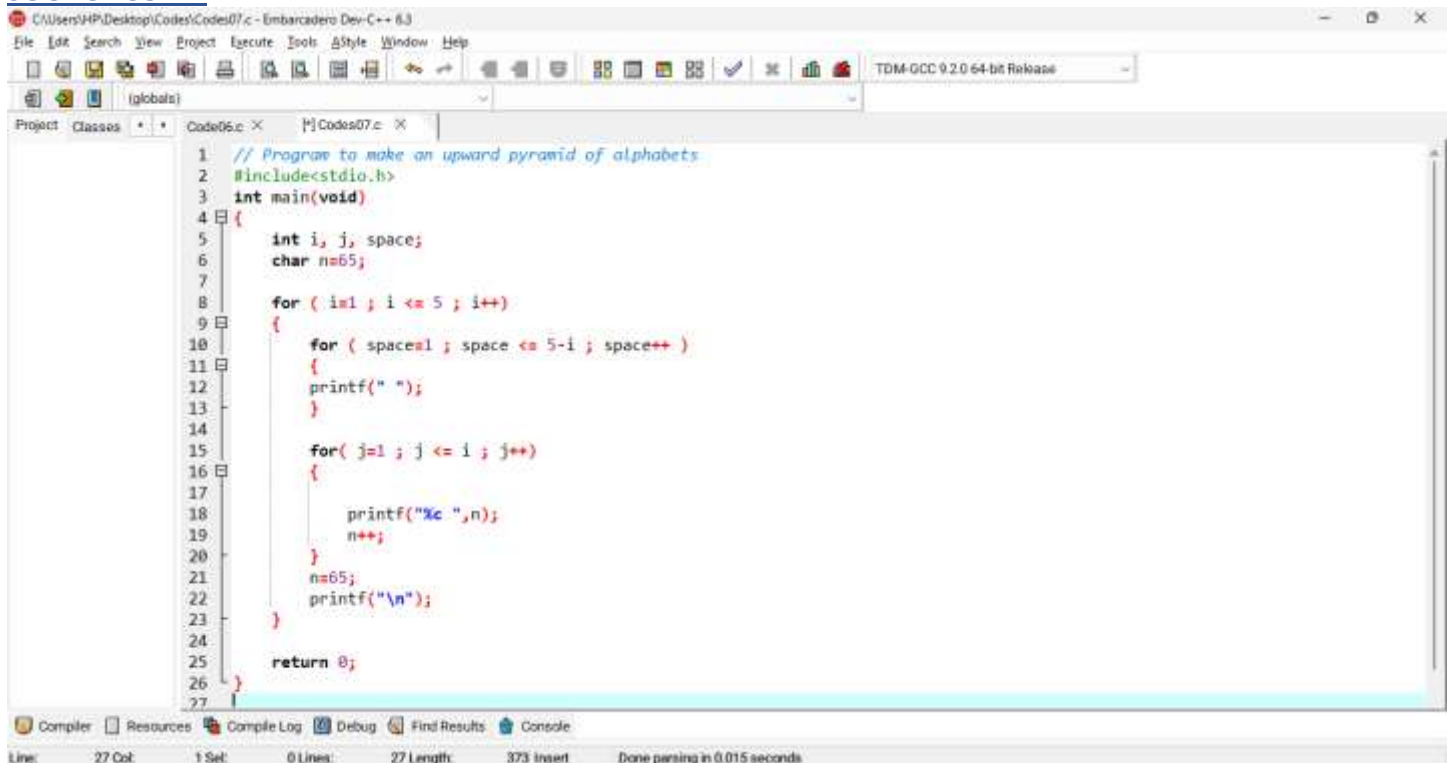
```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5

-----

Process exited after 0.1552 seconds with return value 0
Press any key to continue . . .
```

QUESTION 02: Write a C program to make an upward pyramid of alphabets.

SOURCE CODE:



```
1 // Program to make an upward pyramid of alphabets
2 #include<stdio.h>
3 int main(void)
4 {
5     int i, j, space;
6     char n='A';
7
8     for ( i=1 ; i <= 5 ; i++)
9     {
10         for ( space=1 ; space <= 5-i ; space++)
11         {
12             printf(" ");
13         }
14
15         for( j=1 ; j <= i ; j++)
16         {
17             printf("%c ",n);
18             n++;
19         }
20         n='A';
21         printf("\n");
22     }
23
24     return 0;
25 }
26
27
```

OUTPUT:

```
C:\Users\HP\Desktop\Codes\ >
  A
 A B
A B C
A B C D
A B C D E

-----
Process exited after 0.1174 seconds with return value 0
Press any key to continue . . .
```