
Started on	Sunday, 15 May 2022, 1:00 PM
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State	Finished
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Completed on	Sunday, 15 May 2022, 1:19 PM
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Time taken	19 mins
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Marks	10.00/10.00
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Grade	5.00 out of 5.00 (100%)
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Question **1**

Correct

Mark 2.00 out of
2.00

Correct the C program to print the given triangular alphabetic pattern using loop.

EXAMPLE :

INPUT:

5

OUTPUT :

a

aa

aaa

aaaa

aaaaa

Answer: (penalty regime: 0 %)

Reset answer

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int i, j, n;
6
7
8     scanf("%d", &n);
9
10    for(i=1;i<=n;i++)
11    {
12        for(j=1;j<=i;j++)
```

```

12         tor(j=1;j<=1;j++)
13     {
14         printf("a");
15     }
16
17     printf("\n");
18 }
19
20
21 }

```

	Input	Expected	Got	
✓	5	a aa aaa aaaa aaaaa	a aa aaa aaaa aaaaa	✓
✓	6	a aa aaa aaaa aaaaa aaaaaa	a aa aaa aaaa aaaaa aaaaaa	✓

Passed all tests! ✓

Correct

Marks for this submission: 2.00/2.00.

Question **2**

Correct

Mark 2.00 out of
2.00

Complete the C program to print hollow square pattern series using for loop

Example

5

Output

99999

9 9

9 9

9 9

99999

Answer: (penalty regime: 0 %)

Reset answer

```
1  #include <stdio.h>
2  int main()
3  {
4      int i,n,j,k;
5      scanf("%d",&n);
6      for(i=1; i<=n; i++)
7      {
8          if ((i==1) || (i==n))
9          {
10             for(j=1;j<=n;j++)
11                 printf("9");
12             }
13             else
14             for(j=1;j<=2;j++)
15             {
16                 printf("9");
17                 for(k=1:k<n-1:k++)
```

```

18         printf(" ");
19     }
20     printf("\n");
21 }
22

```

	Input	Expected	Got	
✓	5	<pre> 99999 9 9 9 9 9 9 99999 </pre>	<pre> 99999 9 9 9 9 9 9 99999 </pre>	✓
✓	6	<pre> 999999 9 9 9 9 9 9 9 9 999999 </pre>	<pre> 999999 9 9 9 9 9 9 9 9 999999 </pre>	✓

Passed all tests! ✓

Correct

Marks for this submission: 2.00/2.00.

Question **3**

Correct

Mark 2.00 out of
2.00

Correct the C program for the following pattern:

1
2 5
3 6 8
4 7 9 10

Answer: (penalty regime: 0 %)

Reset answer

```
1 #include<stdio.h>
2 int main()
3 {
4     int i,j,k=1;
5     int m[5][5]={0};
6     for(i=0;i<4;i++)
7     {
8
9         for(j=i;j<4;j++)
10            m[j][i]=k++;
11     }
12     for(i=0;i<4;i++)
13     {
14         for(j=0;j<5;j++)
15         {
16             if(m[i][j]==0)
17                 printf(" ");
18             else
19                 printf("%d ",m[i][j]);
20         }
21         printf("\n");
22     }
```

	Expected	Got	
✓	1	1	✓
	2 5	2 5	
	3 6 8	3 6 8	
	4 7 9 10	4 7 9 10	

Passed all tests! ✓

Correct

Marks for this submission: 2.00/2.00.

Question **4**

Correct

Mark 2.00 out of
2.00

Complete the C program for the following pattern:

1

121

12321

1234321

Answer: (penalty regime: 0 %)

Reset answer

```
1 #include<stdio.h>
2
3 int main()
4 {
5     int i,j;
6     for(i=1;i<=4;i++)
7     {
8         for(j=1;j<=i;j++)
9             printf("%d",j);
10        for(j=i-1;j>=1;j--)
11            printf("%d",j);
12
13        printf("\n");
14    }
15
16 }
```


	Expected	Got	
✓	1 121 12321 1234321	1 121 12321 1234321	✓

Passed all tests! ✓

Correct

Marks for this submission: 2.00/2.00.

Question **5**

Correct

Mark 2.00 out of 2.00

Complete the C program to print equilateral triangle or pyramid star pattern

input :

4

output:

```

+
+++
+++++
+++++++

```

Answer: (penalty regime: 0 %)

Reset answer

```

1  #include <stdio.h>
2
3  int main()
4  {
5      int i,j,r;
6      scanf("%d",&r);
7      for(i=1;i<=r;i++)
8      {
9          for(j=i;j<=r;j++)
10         {
11             printf(" ");
12         }
13         for(j=1;j<=(2*i-1);j++)
14         {
15             printf("+");
16         }
17         printf("\n");
18     }

```

```
19 |  
20 |  
21 |}
```



	Input	Expected	Got	
✓	4	+ +++ +++++ +++++++	+ +++ +++++ +++++++	✓
✓	5	+ +++ +++++ +++++++ +++++++	+ +++ +++++ +++++++ +++++++	✓

Passed all tests! ✓

Correct

Marks for this submission: 2.00/2.00.