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main.c

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

12345
12345
12345
12345
12345

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



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main.c

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

1
12
123
1234
12345

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

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main.c

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

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1
12
123
1234
12345

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```
1  #include <stdio.h>
2  int main()
3  {
4      int i,j,k;
5      for(i=1;i<=4;i++)
6      {
7          for(j=1;j<=(4-i);j++)
8          {
9              printf(" ");
10             }
11             for(int k=1;k<=i;k++)
12             {
13                 printf("%d",k);
14             }
15             printf("\n");
16         }
17     }
18     for(i=3;i>=1;i--)
19     {
20         for(j=3;j>=i;j--)
21         {
22             printf(" ");
23         }
24         for(k=1;k<=i;k++)
25         {
26             printf("%d",k);
27         }
28         printf("\n");
29     }
30 }
31
```

```
1
12
123
1234
123
12
1
```

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main.c

```

1  #include <stdio.h>
2  int main()
3  {
4  int i,j,k;
5  for(i=1;i<=4;i++)
6  {
7  for(int k=1;k<=i;k++)
8  {
9  printf("%d",k);
10 }
11 printf("\n");
12 }
13
14 for(i=3;i>=1;i--)
15 {
16
17     for(k=1;k<=i;k++)
18 {
19
20         printf("%d",k);
21     }
22     printf("\n");
23 }
24 }
```

1
12
123
1234
123
12
1

GDB Tutorial

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Search A S

2025.02.08 11:57



main.c

```
1  #include <stdio.h>
2  int main()
3  {
4      int i,j;
5      for(i=1;i<=4;i++)
6      {
7          for(j=1;j<=(4-i);j++)
8          {
9              printf(" ");
10             }
11
12         for(int k=1;k<=(2*i)-1;k++)
13         {
14
15
16             printf("*");
17         }
18         printf("\n");
19     }
20 }
```

```
*
***
*****
*****
```

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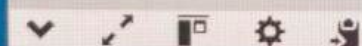
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main.c

```
1  #include <stdio.h>
2  int main()
3  {
4      int i,j;
5      for(i=0;i<=5;i++)
6      {
7          for(j=0;j<=i;j++)
8          {
9              printf("%c",64+i);
10             }
11             printf("\n");
12         }
13     }
```



```
@
AA
BBB
CCCC
DDDDD
EEEEEE
```

```
...Program finished with exit code 0
```

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main.c

```
1 #include<stdio.h>
2 int main()
3 {
4     int i,n,sum=0;
5     printf("enter the value of range\n");
6     scanf("%d",&n);
7     for(i=0;i<=n;i++){
8         sum=sum+(i*i);
9     }
10    printf("sum is:%d",sum);
11 }
```

enter the value of range

4

sum is:30

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main.c

```
1  #include<stdio.h>
2  int main()
3  {
4      int n,x,sum=0;
5      printf("enter the value of range:\n");
6      scanf("%d",&n);
7      printf("enter the value of x:\n");
8      scanf("%d",&x);
9      for(int i=1;i<=n;i++){
10         int mul=x;
11         for(int j=1;j<i;j++){
12             mul=mul*x;
13         }
14         if(i%2==0){
15             sum=sum-(i*mul);
16         }
17         else{
18             sum=sum+(i*mul);
19         }
20     }
21     printf("sum=%d",sum);
22 }
23
```

enter the value of range:
5

enter the value of x:
3

sum=957

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




```
1  #include<stdio.h>
2  int main()
3  {
4      int n,x;
5      float sum=0;
6      printf("enter the value of range:\n");
7      scanf("%d",&n);
8      printf("enter the value of x:\n");
9      scanf("%d",&x);
10     for(int i=1;i<=n;i++){
11         float mul=x;
12         for(int j=1;j<i;j++){
13             mul=mul*x;
14         }
15         if(i%2==0){
16             sum=sum-(mul/i);
17         }
18         else{
19             sum=sum+(mul/i);
20         }
21     }
22     printf("sum=%2f",sum);
23 }
24
```

enter the value of range:

4

enter the value of x:

3

sum=-12.750000

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main.c

```
1 #include<stdio.h>
2 float factorial(float x){
3     float fact=1;
4     for(int i=1;i<=x;i++){
5         fact=fact*i;
6     }
7     return fact;
8 }
9 void main()
10 {
11     int n;
12     float i,sum=0;
13     printf("enter the value of range:\n");
14     scanf("%d",&n);
15     for(i=1;i<=n;i++){
16         sum=sum+(i/factorial(i));
17     }
18     printf("sum= %.3f\n",sum);
19 }
```

enter the value of range:

5

sum= 2.708

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