

15)

```
import java.io.*;
import java.util.Scanner;
public class HelloWorld
{
    public static void main(String[] args)
    {
        int i,j;
        for(i=1;i<=5;i++)
        {
            for(j=1;j<=i;j++)
            {
                System.out.print(j);
            }
            System.out.println("");
        }
    }
}
```

Output:

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

16)

```
import java.io.*;
public class Hell
{
    public static void main(String[] args)
    {
        int i,j;
        for ( i=5; i>=1 ; i--)
```

```

{
for ( j=1; j<=i; j++)
{
System.out.print(j);
}
System.out.println();
}
}

```

OUTPUT:

```

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

```

17)

```

import java.io.*;
public class Hell
{
    public static void main(String[] args)
    {
        int i,j;
        for ( i=5; i>=1 ; i--) {
            for ( j=1; j<=i; j++)
            {
                System.out.print("*");
            }
            System.out.println();
        }
    }
}

```

OUTPUT:

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

18)

```
import java.io.*;

public class Hell
{
    public static void main(String[] args)
    {
        int i,j;
        for ( i=1; i<=5 ;i++)
        {
            for ( j=1; j<=i; j++)
            {
                System.out.print("*");
            }
            System.out.println();
        }
    }
}
```

OUTPUT:

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

19)

```
import java.io.*;
public class Hii
{
    public static void main(String[] args)
    {
        char ch;
        int i,j;
        for(i=1;i<=5;i++)
        {
            ch='A';
            for(j=1;j<=i;j++)
            {
                System.out.print(ch);
                ch++;
            }
            System.out.println();
        }
    }
}
```

OUTPUT:

```
A
A B
A B C
A B C D
A B C D E
```