

```
1. package javaWinterSemester;
import java.util.Scanner;
```

```
public class loops {
    public static void main(String[] args) {
        System.out.println("enter the number of lines");
        Scanner input=new Scanner(System.in);
        int n=input.nextInt();
        for(int i=1;i<=n;i++) {
            for(int j=1;j<=i;j++) {
                System.out.print("*");
            }
            System.out.println();
        }
    }
}
```

```
2. package javaWinterSemester;
import java.util.Scanner;
```

```
public class loops {
    public static void main(String[] args) {
        System.out.println("enter the number of lines");
        Scanner input=new Scanner(System.in);
        int n=input.nextInt();
        for(int i=1;i<=n;i++) {
            for(int j=1;j<=i;j++) {
                System.out.print(j);
            }
            System.out.println();
        }
    }
}
```

```
3. package javaWinterSemester;
import java.util.Scanner;
```

```
public class loops {
    public static void main(String[] args) {
        System.out.println("enter the number of lines");
        Scanner input=new Scanner(System.in);
        int n=input.nextInt();
        for(int i=n;i>0;i--) {
            for(int j=1;j<=i;j++) {
                System.out.print(j);
            }
        }
    }
}
```

```

        System.out.println();
    }
}

```

4. **package** javaWinterSemester;
import java.util.Scanner;

```

public class loops {
    public static void main(String[] args) {
        System.out.println("enter the number of lines");
        Scanner input=new Scanner(System.in);
        int n=input.nextInt();
        for(int i=n;i>0;i--) {
            for(int j=1;j<=i;j++) {
                System.out.print("*");
            }
            System.out.println();
        }
    }
}

```

5. **package** javaWinterSemester;
import java.util.Scanner;

```

public class loops {
    public static void main(String[] args) {
        System.out.println("enter the number of lines");
        Scanner input=new Scanner(System.in);
        int n=input.nextInt();
        for(int i=1;i<=n;i++) {
            for(int j=1;j<=i;j++) {
                System.out.print(j);
            }
            System.out.println();
        }

        for(int i=n-1;i>0;i--) {
            for(int j=1;j<=i;j++) {
                System.out.print(j);
            }
            System.out.println();
        }
    }
}

```

```
    }  
}
```

BREAK STATEMENT:

```
1. package javaWinterSemester;  
import java.util.Scanner;  
  
public class loops {  
    public static void main(String[] args) {  
        System.out.println("enter the number");  
        Scanner input=new Scanner(System.in);  
        int lucky_number;  
        boolean lucky=false;  
        for(int i=0;i<5;i++) {  
            lucky_number=input.nextInt();  
            if(lucky_number==13) {  
                lucky=true;  
                System.out.println("you are lucky");  
                break;  
            }  
        }  
        if(!lucky) {  
            System.out.println("not lucky");  
        }  
    }  
}
```

CONTINUE STATEMENT:

```
package javaWinterSemester;  
import java.util.Scanner;  
  
public class loops {  
    public static void main(String[] args) {  
        System.out.println("enter the number");  
        Scanner input=new Scanner(System.in);  
        int number;  
        int sum=0;  
        for(int i=0;i<5;i++) {  
            number=input.nextInt();  
            if(number%2==0) {  
                continue;  
            }  
            sum=sum+number;  
        }  
    }  
}
```

```
        System.out.println(sum);  
    }  
}
```