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Escape Characters:

1. `\t` inserts tab where this is in the text
2. `\b` inserts a backspace where this is in the text
3. `\n` inserts a newline where this is in the text
4. `\r` inserts carriage returns where this is in the text
5. `\f` inserts a formatted where this is in the text
6. `\"` inserts quotation marks where this is in the text
7. `\\` inserts a backslash where this is in the text

AScii Art Adventures:

I decided on trying to create a house. Originally, I tried adding a chimney, but it didn't match up correctly with the rest of the house, so I deleted it. The main problem with my house was that the walls constantly didn't match up, I just tested adding more spaces and executing to see how it looked. It was just a trial and error system.

Debugging Problems

```
1 public class debugging {  
2 public static void main(String[] args) {  
3     System.out.println("Hello, World!");  
4     System.out.println("Hello, World!");  
5     System.out.println("Hello, World!");  
6     System.out.println("Hello, World!")  
7 }  
8 }
```

1.

- a. Where is the error (line number) and what do you do to fix it?

The error is in line 6. At the end of the line, there should be a semicolon, but there is none. To fix it, you just need to add a semicolon (;) at the end of the line.

```
1 public class debugging {  
2 public static void main(String[] args) {  
3     System.out.println("Hello, World!");  
4     System.out.prnntln("Hello, World!");  
5     System.out.println("Hello, World!");  
6     System.out.println("Hello, World!");  
7 }  
8 }
```

2.

- a. Where is the error (line number) and what do you do to fix it?

There is an error in line 4. Rather than spelling out “print”, it spells “prnnt”. To fix it, you need to just make sure “print” is spelled properly.

```
1 public class debugging {  
2 public static void main(String[] args)  
3     System.out.println("Hello, World!");  
4     System.out.prnntln("Hello, World!");  
5     System.out.println("Hello, World!");  
6     System.out.println("Hello, World!");  
7 }  
8 }
```

3.

- a. Where is the error (line number) and what do you do to fix it?

There is an error in line 2. There is no curly bracket at the end of the line where it should be. You just need to add a curly bracket (}) at the end of line 2.