ErrorLog: DigitExtractor

Youdis

```
<terminated> DigitExtractor [Java Application] C:\Users\youdi\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.
Exception in thread "main" java.lang.Error: Unresolved compilation problem:

        at Mastery.DigitExtractor.main(DigitExtractor.java:7)
```

Syntax error

```
                }
            }
        }
        }


    }
```

Need to delete this curly bracket as it doesn't close anything

```
            }
        }
    }
    }
```

Curly bracket is gone and program is working

```
DigitExtractor [Java Application] C:\Users\youdi\.p2\pool\plugins\org.e
Enter an integer:
```

```
Enter an integer:
123
Show (W)hole number.
Show (O)nes place number.
Show (T)ens place number.
Show (H)undreds place number.
(Q)uit
Enter you choice:
```

The number for enter integer is under the prompt instead of next to

```java
Scanner input = new Scanner(System.in);
System.out.println("Enter an integer: ");
Num number = new Num(input.nextInt());
```

Need to change println to print

```
Enter an integer: 123
Show (W)hole number.
Show (O)nes place number.
Show (T)ens place number.
Show (H)undreds place number.
(Q)uit
Enter you choice:
```

Changed println to print and now it shows integer next to prompt instead of below

```java
Scanner input = new Scanner(System.in);
System.out.print("Enter an integer: ");
Num number = new Num(input.nextInt());
```

```
DigitExtractor [Java Application] C:\Users\youdi\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.ft
Enter an integer: 123
Show (W)hole number.
Show (O)nes place number.
Show (T)ens place number.
Show (H)undreds place number.
(Q)uit
Enter you choice: q
You entered a invalid choice please try again
Show (W)hole number.
Show (O)nes place number.
Show (T)ens place number.
Show (H)undreds place number.
(Q)uit
Enter you choice:
```

Quit function doesn't work

```java
// they picked choice q the
if (choice == "q") {
    break;
}
```

Can't use == for strings

```java
if (choice.equals("q")) {
    break;
}
```

Fixed it by using equals() instead of ==

```
Enter an integer: 123
Show (W)hole number.
Show (O)nes place number.
Show (T)ens place number.
Show (H)undreds place number.
(Q)uit
Enter you choice: q
```

It works now

```
(Q)uit
Enter you choice:
```

Spelling mistake

```
(Q)uit
Enter your choice: |
```

Fixed it

```
public static void main(String[] args) {
    // TODO Auto-generated method stub
    //created new scanner object and num object by asking (
    Scanner input = new Scanner(System.in);
    System.out.print("Enter an integer: ");
    Num number = new Num(input.nextInt());

public class Num {
    //number variable which will store the integer the user enters
    private int number;
```

Variable in class and name of object made from class have the same name.

```
public static void main(String[] args) {
    // TODO Auto-generated method stub
    //created new scanner object and num object by
    Scanner input = new Scanner(System.in);
    System.out.print("Enter an integer: ");
    Num integer = new Num(input.nextInt());
```

Changed name of object made from class.