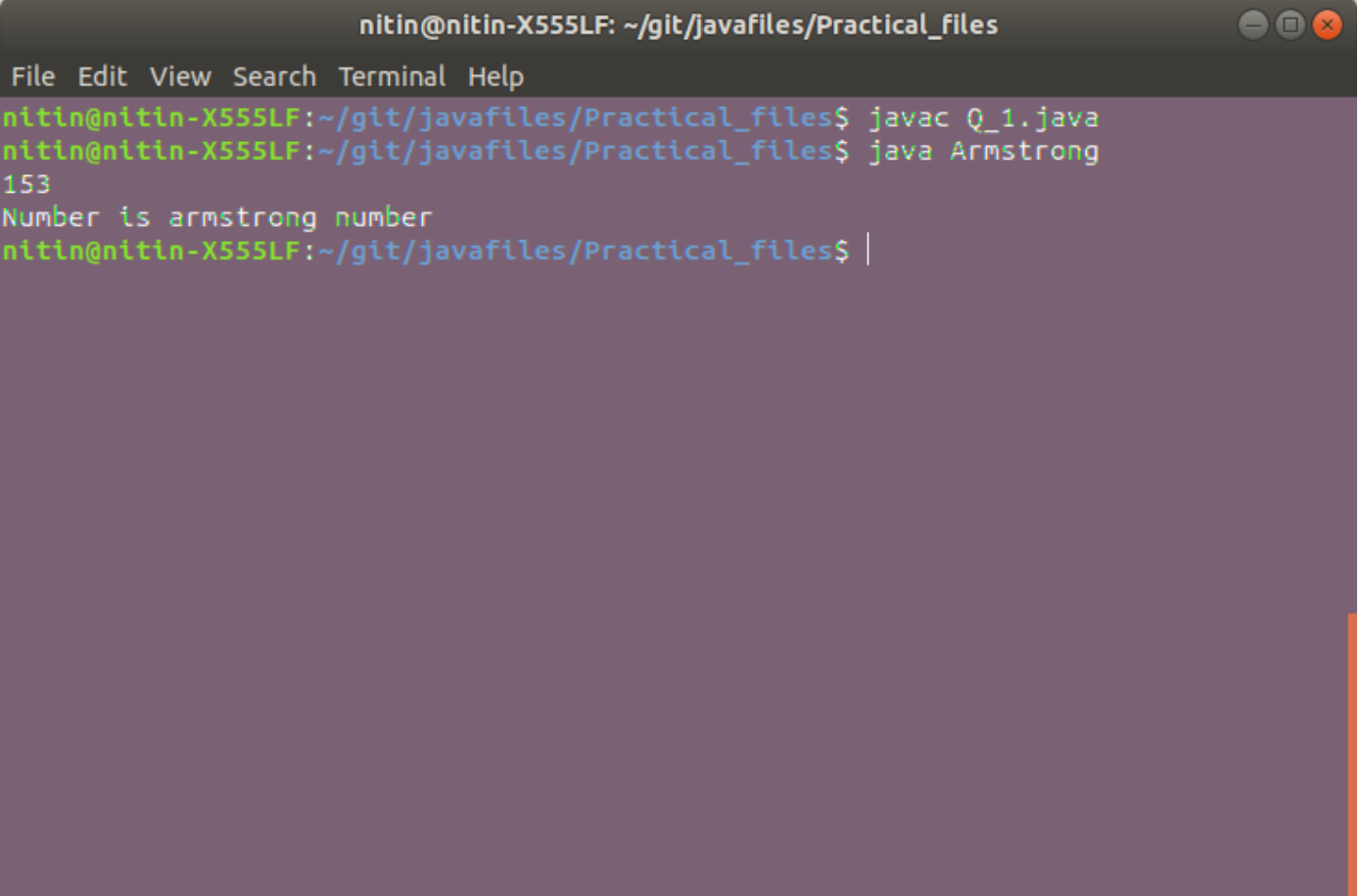


OUTPUTS

Q_1.java



```
nitin@nitin-X555LF: ~/git/javafiles/Practical_files
File Edit View Search Terminal Help
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac Q_1.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ java Armstrong
153
Number is armstrong number
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ |
```

Q_2.java

```
nitin@nitin-X555LF: ~/git/javafiles/Practical_files
File Edit View Search Terminal Help
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac Q_2.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ java sort_string
chandan
nikhil
nitin
pc
pratik
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ |
```

Q_3.java

```
nitin@nitin-X555LF: ~/git/javafiles/Practical_files
File Edit View Search Terminal Help
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac Q_3.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ java matmult
3
Enter the elements of 1st martix row wise

1 2 3
4 5 6
7 8 9
Enter the elements of 2nd martix row wise

1 0 0
0 1 0
0 0 1
Final answer

1 2 3
4 5 6
7 8 9
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ |
```

Q_4.java

```
nitin@nitin-X555LF: ~/git/javafiles/Practical_files
File Edit View Search Terminal Help
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac Q_4.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ java Box
Enter the dimension of Box
2 3 4
The Volume of Box is 24.0
The Surface-Area of Box is 52.0
nitin@nitin-X555LF:~/git/javafiles/Practical_files$
```

Q_5.java

```
nitin@nitin-X555LF: ~/git/javafiles/Practical_files
File Edit View Search Terminal Help
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac Q_5.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ java copy_string
Enter any string
nitin
Copy constructor
String after call to copy constructor nitin

String after call to reference assignment nitin
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ |
```

Q_6.java

```
nitin@nitin-X555LF: ~/git/javafiles/Practical_files
File Edit View Search Terminal Help
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac Q_6.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ java showxy
The co-ordinate of Rectangle is 2 3
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ |
```

Q_7.java

```
nitin@nitin-X555LF: ~/git/javafiles/Practical_files
File Edit View Search Terminal Help
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac Q_7.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ java demo
The area of Ractangle is 6.0
The area of triangle is 3.0
nitin@nitin-X555LF:~/git/javafiles/Practical_files$
```

Q_8.java

```
nitin@nitin-X555LF: ~/git/javafiles/Practical_files
File Edit View Search Terminal Help
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac -d . Arithmetic.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac ArithmeticQ_8.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ java demo
Arithmetic Exception Caught
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ |
```

Q_9.java

```
nitin@nitin-X555LF: ~/git/javafiles/Practical_files
File Edit View Search Terminal Help
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac Q_9.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ java demo
Enter marks of subject
200
Marks entered are greater than 100
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ |
```

Q_10.java

```
nitin@nitin-X555LF: ~/git/javafiles/Practical_files
File Edit View Search Terminal Help

nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac Q_10.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ java demo
CSVТУ Thread_2
CSVТУ Thread_2
CSVТУ Thread_2
CSVТУ Thread_2
CSVТУ Thread_2
CSVТУ Thread_2
CSVТУ Thread_2
CSVТУ Thread_2
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CSVТУ Thread_3
CSVТУ Thread_1
CSVТУ Thread_1
CSVТУ Thread_1
CSVТУ Thread_1
CSVТУ Thread_1
CSVТУ Thread_1
CSVТУ Thread_1
CSVТУ Thread_1
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ |
```

Q_13.java

```
nitin@nitin-X555LF: ~/git/javafiles/Practical_files
File Edit View Search Terminal Help

nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac -d . addition.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac -d . operations.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ javac Q_13operation_package_su
bpackage.java
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ java arithmetic
2
3
*
6
nitin@nitin-X555LF:~/git/javafiles/Practical_files$ |
```