

```
cd ~/Desktop/JavaLab/src
javac TestQuadratic.java
java TestQuadratic
```

```
enter a : 1
enter b : -4
enter c : 4
two real and equal roots (D = 0)
equation : (1.0)a^2 + (-4.0)b + (4.0)
root 1 : 2.0
root 2 : 2.0
```

```
cd ~/Desktop/JavaLab/src
javac TestQuadratic.java
java TestQuadratic
```

```
enter a : 1
enter b : -5
enter c : 6
two real and unequal roots (D > 0)
equation : (1.0)a^2 + (-5.0)b + (6.0)
root 1 : 3.0
root 2 : 2.0
```

```
cd ~/Desktop/JavaLab/src
javac TestQuadratic.java
java TestQuadratic
```

```
enter a : 1
enter b : 1
enter c : 1
equation : (1.0)a^2 + (1.0)b + (1.0)
no real roots (D < 0)
```

```
cd ~/Desktop/JavaLab/src
javac TestQuadratic.java
java TestQuadratic
```

```
enter a : 0
a cannot be 0
```