JAVA 8 FEATURES ASSIGNMENT
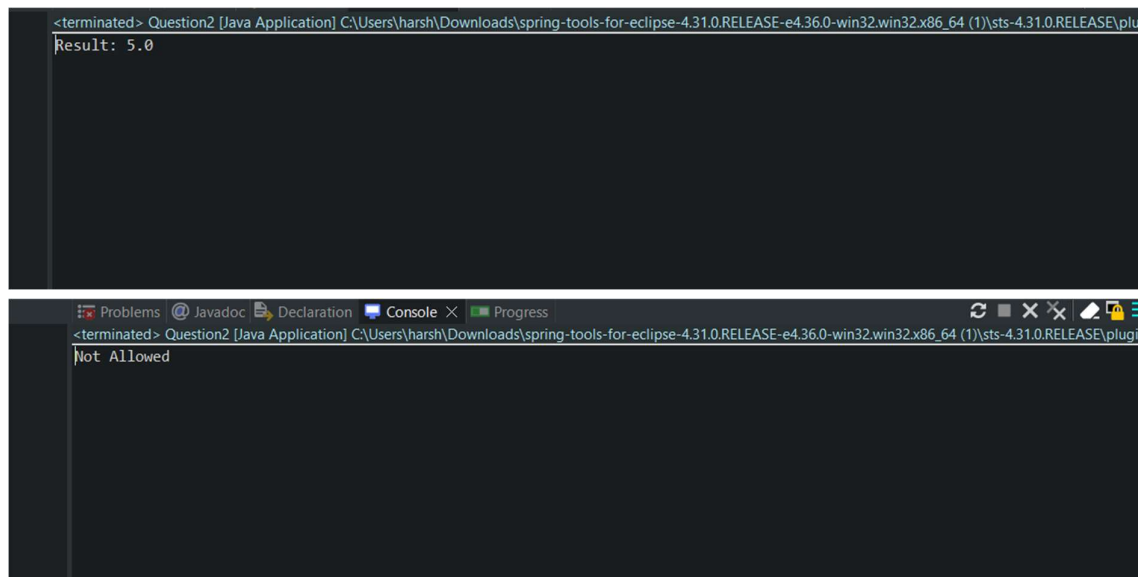
Question1

```
Problems  @ Javadoc  Declaration  Console ×  Progress
<terminated> Question1 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plugins\org.ecli
Sorted Names:
Anu
Dhanu
Harshitha
Lakshmi
Seetha
```
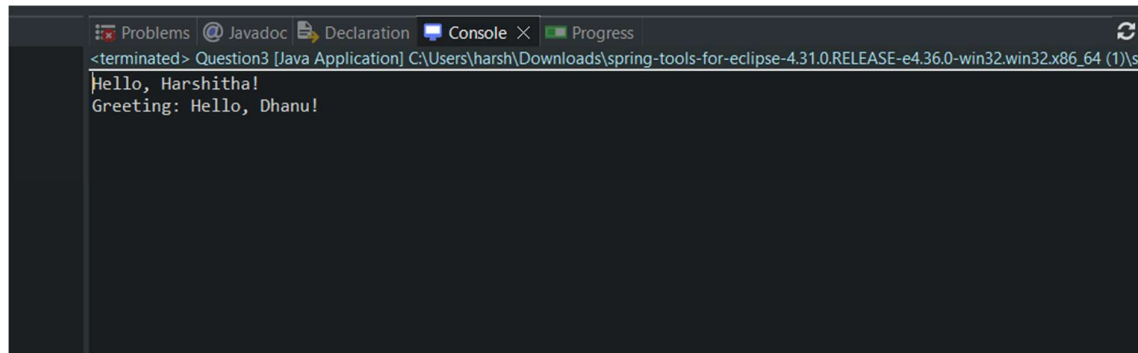
Question2

```
<terminated> Question2 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plu
Result: 5.0
```

```
Problems  @ Javadoc  Declaration  Console ×  Progress
<terminated> Question2 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plugi
Not Allowed
```

Question3

```
Problems  @ Javadoc  Declaration  Console ×  Progress
<terminated> Question3 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\s
Hello, Harshitha!
Greeting: Hello, Dhanu!
```

Question4

```
<terminated> Question4 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plugins\
2 raised to the power 3 is: 8
This operation calculates power using base and exponent.
```

Question5

```
<terminated> Question5 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RE
Names starting with 'A':
Anu
Abhi
Anna
```

Question6
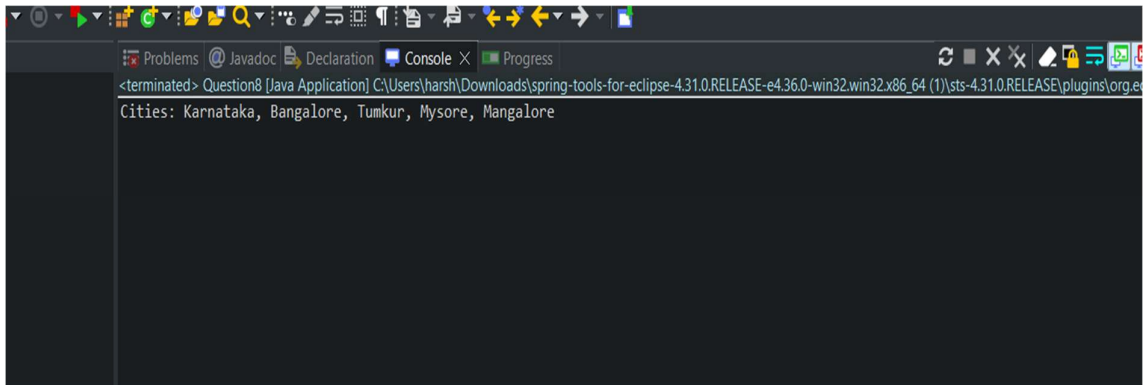
```
<terminated> Question6 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts
Number of names longer than 5 characters: 2
```

Question7

```
<terminated> Question7 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31.0.RELEASE\plug
Even Numbers:
2
4
6
8
10
```
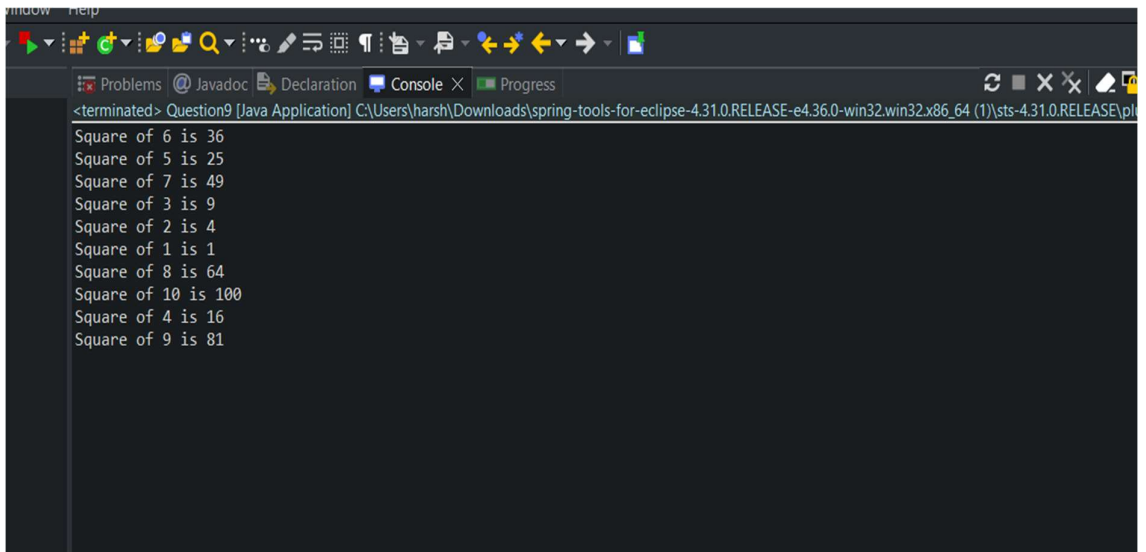
Question8

```
Cities: Karnataka, Bangalore, Tumkur, Mysore, Mangalore
```
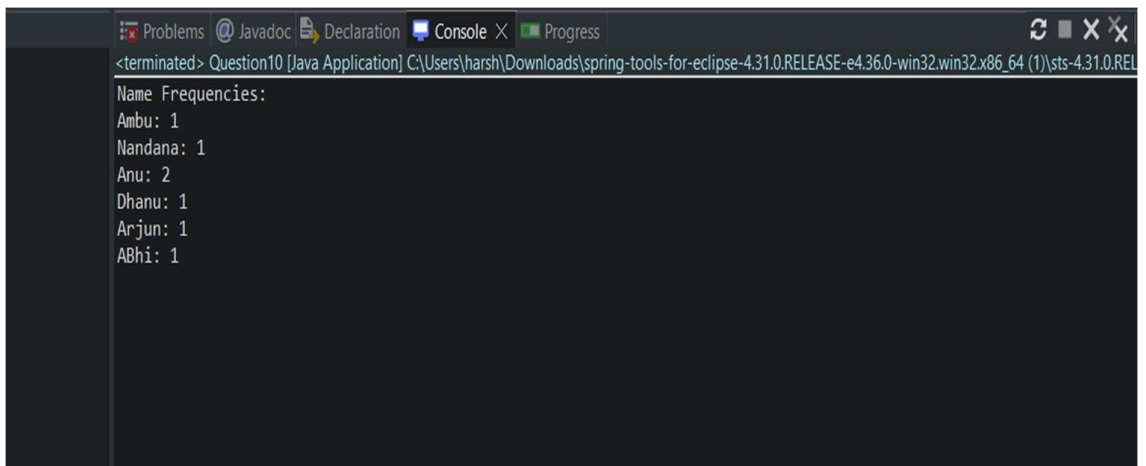
Question9

```
Square of 6 is 36
Square of 5 is 25
Square of 7 is 49
Square of 3 is 9
Square of 2 is 4
Square of 1 is 1
Square of 8 is 64
Square of 10 is 100
Square of 4 is 16
Square of 9 is 81
```
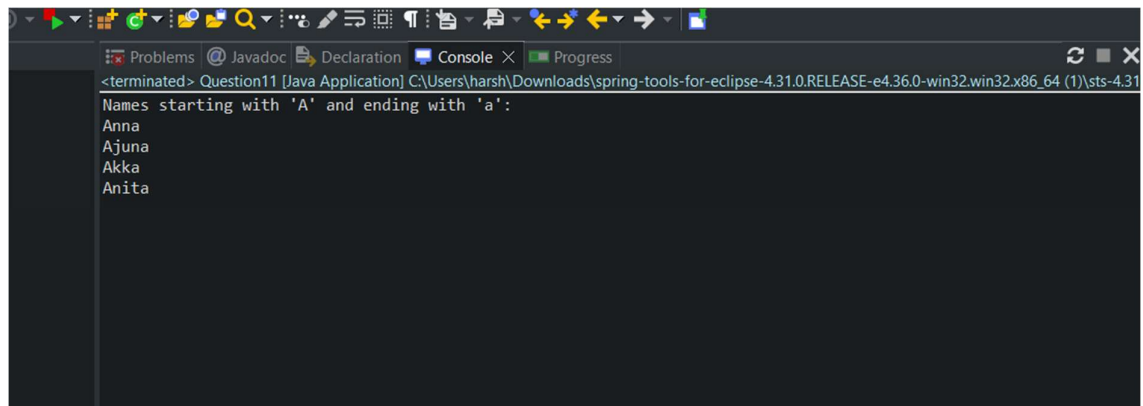
Question10

```
Name Frequencies:
Ambu: 1
Nandana: 1
Anu: 2
Dhanu: 1
Arjun: 1
ABhi: 1
```
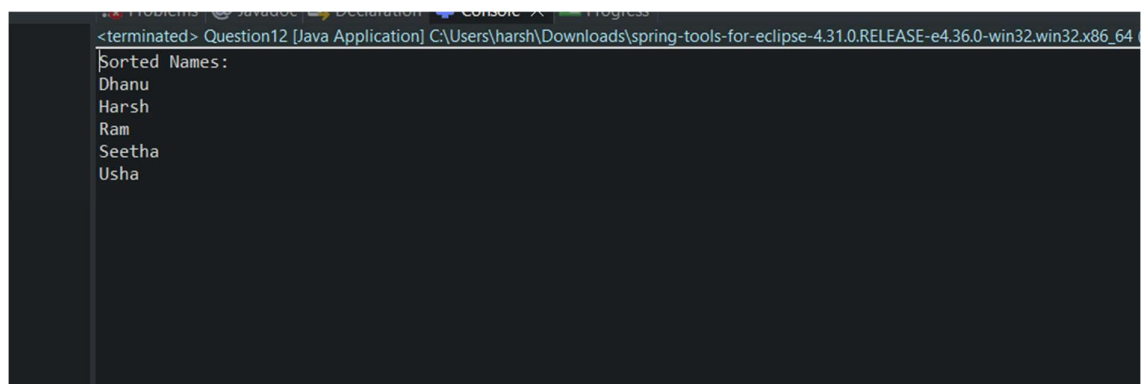
Question11

<terminated> Question11 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64 (1)\sts-4.31

```
Names starting with 'A' and ending with 'a':
Anna
Ajuna
Akka
Anita
```

Question12

<terminated> Question12 [Java Application] C:\Users\harsh\Downloads\spring-tools-for-eclipse-4.31.0.RELEASE-e4.36.0-win32.win32.x86_64

```
Sorted Names:
Dhanu
Harsh
Ram
Seetha
Usha
```