

Main.java

```
7  ///////////////////////////////////////////////////  
8  
9  public class Main  
10 {  
11     public static void main(String[] args) {  
12         int i = 818;  
13         byte b =(byte)i;  
14         char c =(char)i;  
15         short s =(short)i;  
16         float f =(float)i;  
17         double d =(double)i;  
18         long l =(long)i;  
19         System.out.println("int to byte"+b);  
20         System.out.println("int to char"+c);  
21         System.out.println("int to short"+s);  
22         System.out.println("int to float"+f);  
23         System.out.println("int to double"+d);  
24         System.out.println("int to long"+l);  
25     }  
26 }  
27
```

input

```
int to byte50  
int to char  
int to short818  
int to float818.0  
int to double818.0  
int to long818
```

```
1 - /*****
2
3         Online Java Compiler.
4         Code, Compile, Run and Debug java program online.
5         Write your code in this editor and press "Run" button to execute it.
6
7         *****/
8
9 public class Main
10 {
11     public static void main(String[] args) {
12         System.out.println("narrowing/explicit casting");
13         int i = 567;
14         long f = i;
15         System.out.println(i);
16         System.out.println(f);
17     }
18 }
19
```

input

567

567

...Program finished with exit code 0

Press ENTER to exit console.

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```

1  /*****
2
3      Online Java Compiler.
4      Code, Compile, Run and Debug java program online.
5      Write your code in this editor and press "Run" button to execute it.
6
7  *****/
8
9  public class Main
10 {
11     public static void main(String[] args) {
12         System.out.println("narrowing/explicit casting");
13         long l = 232342;
14         float f = l;
15         System.out.println(l);
16         System.out.println(f);
17     }
18 }
19

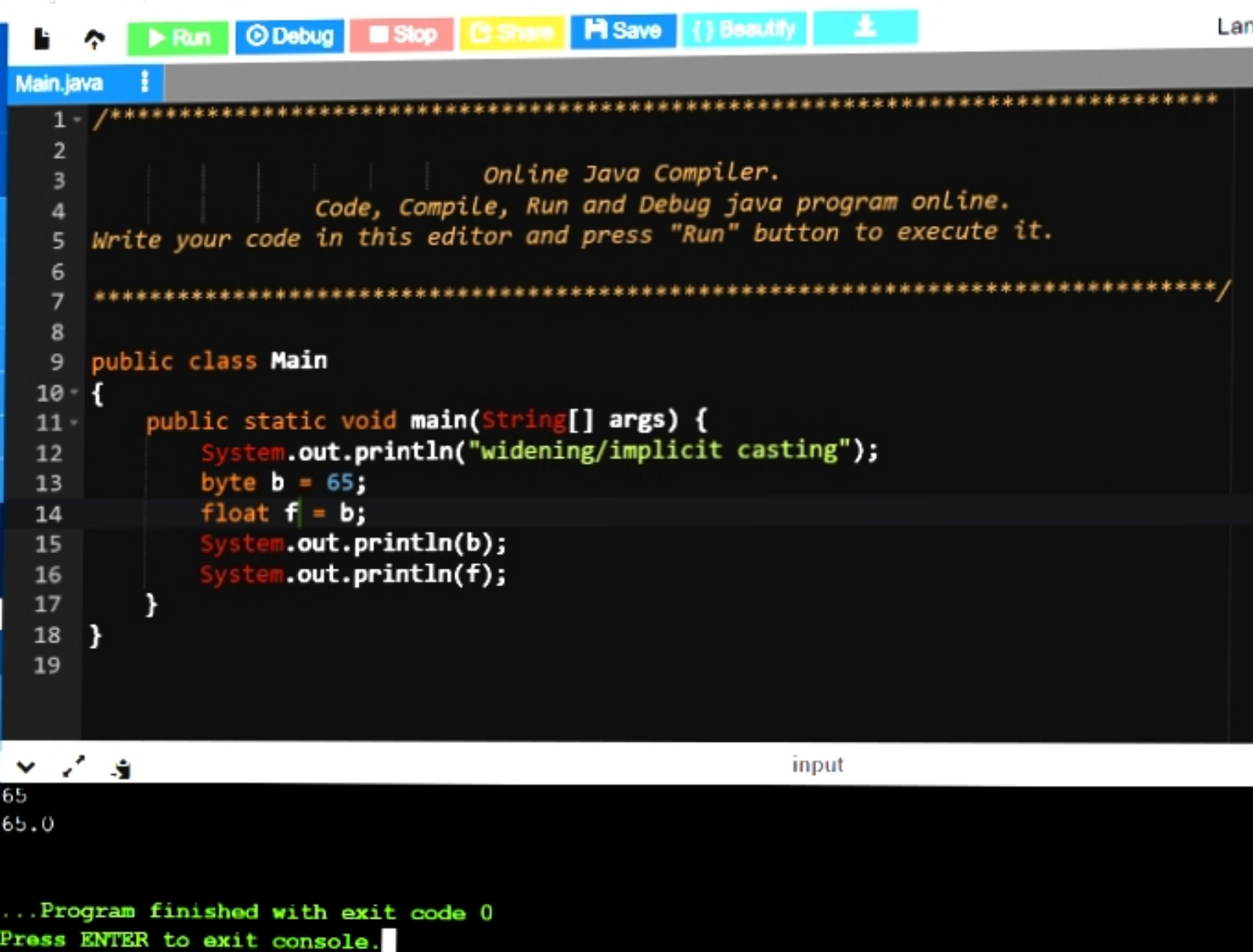
```

☐ ☐ ☐ input

32342

32342.0

```
..Program finished with exit code 0
Press ENTER to exit console.
```





The screenshot shows an online Java compiler interface. At the top, there are buttons for Run, Debug, Stop, Share, Save, and Beautify. The file name is 'Main.java'. The code is as follows:

```
1 - /*****
2
3         Online Java Compiler.
4         Code, Compile, Run and Debug java program online.
5         Write your code in this editor and press "Run" button to execute it.
6
7         *****/
8
9 public class Main
10 {
11     public static void main(String[] args) {
12         System.out.println("widening/implicit casting");
13         byte b = 65;
14         float f = b;
15         System.out.println(b);
16         System.out.println(f);
17     }
18 }
19
```

The output of the program is shown below the code editor:

```
65
65.0

...Program finished with exit code 0
Press ENTER to exit console.
```



Run


Debug

Stop

Share




Save

Beautify



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```
1  /*****
2
3      Online Java Compiler.
4      Code, Compile, Run and Debug java program online.
5      Write your code in this editor and press "Run" button to execute it.
6
7      *****/
8
9  public class Main
10 {
11     public static void main(String[] args) {
12         System.out.println("widening/implicit casting");
13         int a = 47;
14         long l = a;
15         System.out.println(a);
16         System.out.println(l);
17     }
18 }
19
```



input

47
47

...Program finished with exit code 0
Press ENTER to exit console.

5

3
4 Code, Compile, Run and Debug java program online.
5 Write your code in this editor and press "Run" button to execute it.

6
7 *****/

```
8  
9 public class Main  
10 {  
11     public static void main(String[] args) {  
12         System.out.println("widening/implicit casting");  
13         int b = 450;  
14         double d = b;  
15         System.out.println(b);  
16         System.out.println(d);  
17     }  
18 }  
19
```

input

450
450.0

...Program finished with exit code 0
Press ENTER to exit console.