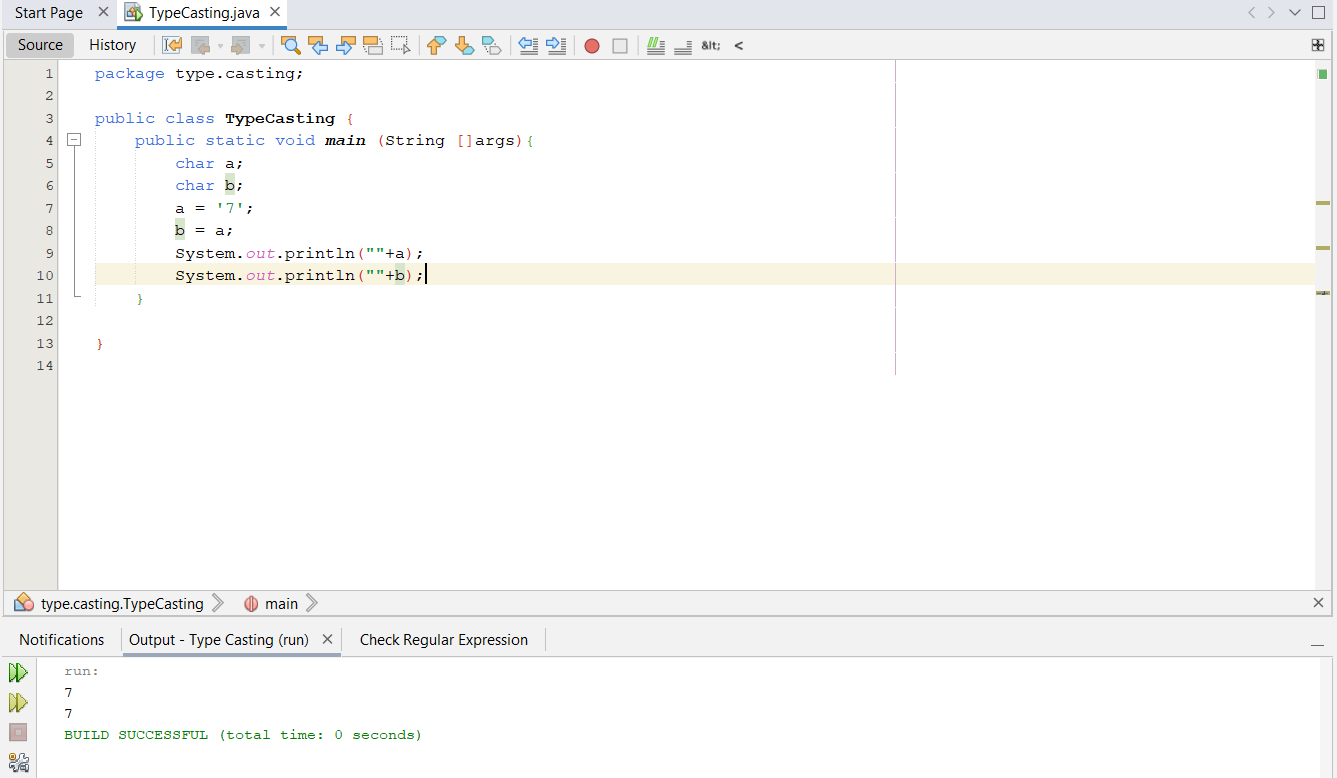
**Assignment on Typecasting**

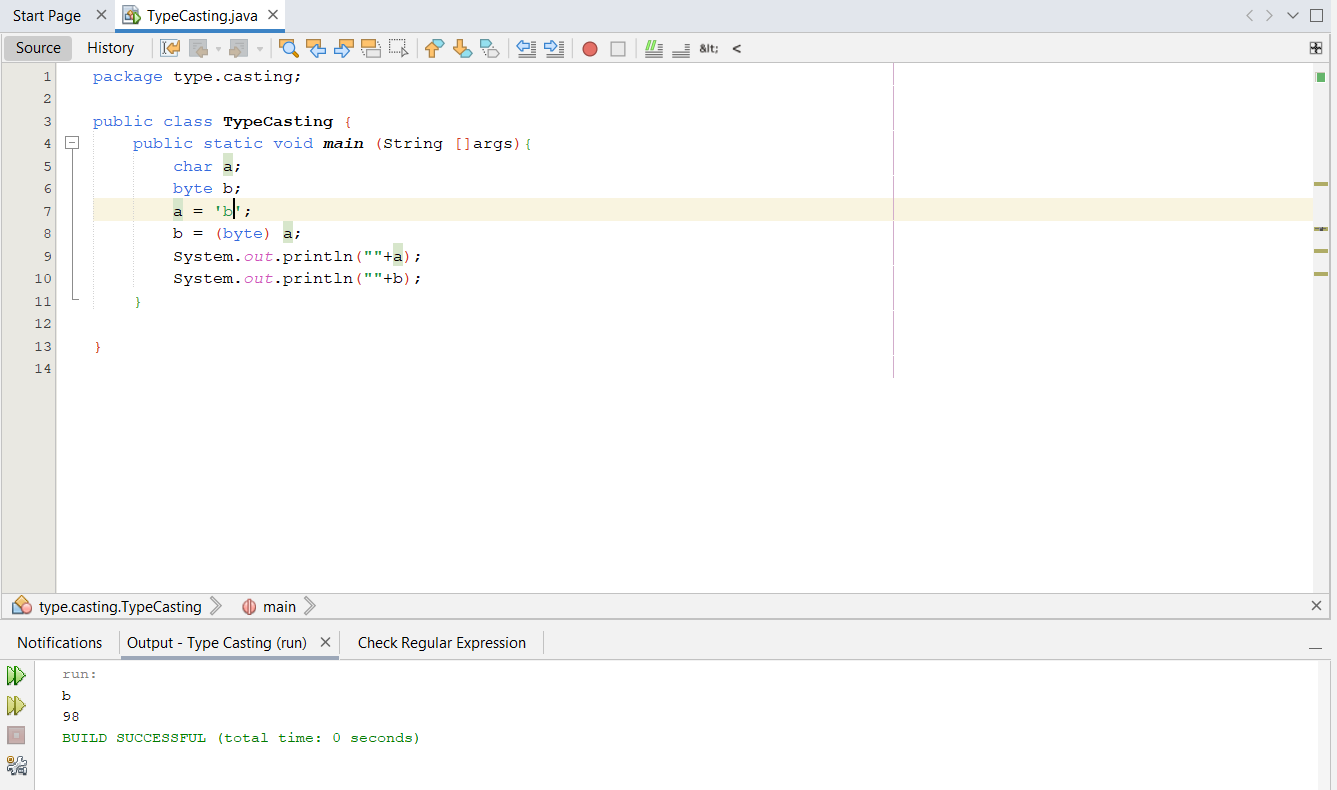
**Submitted by: Akash Sharad Badgujar**

1. **char to char**

****

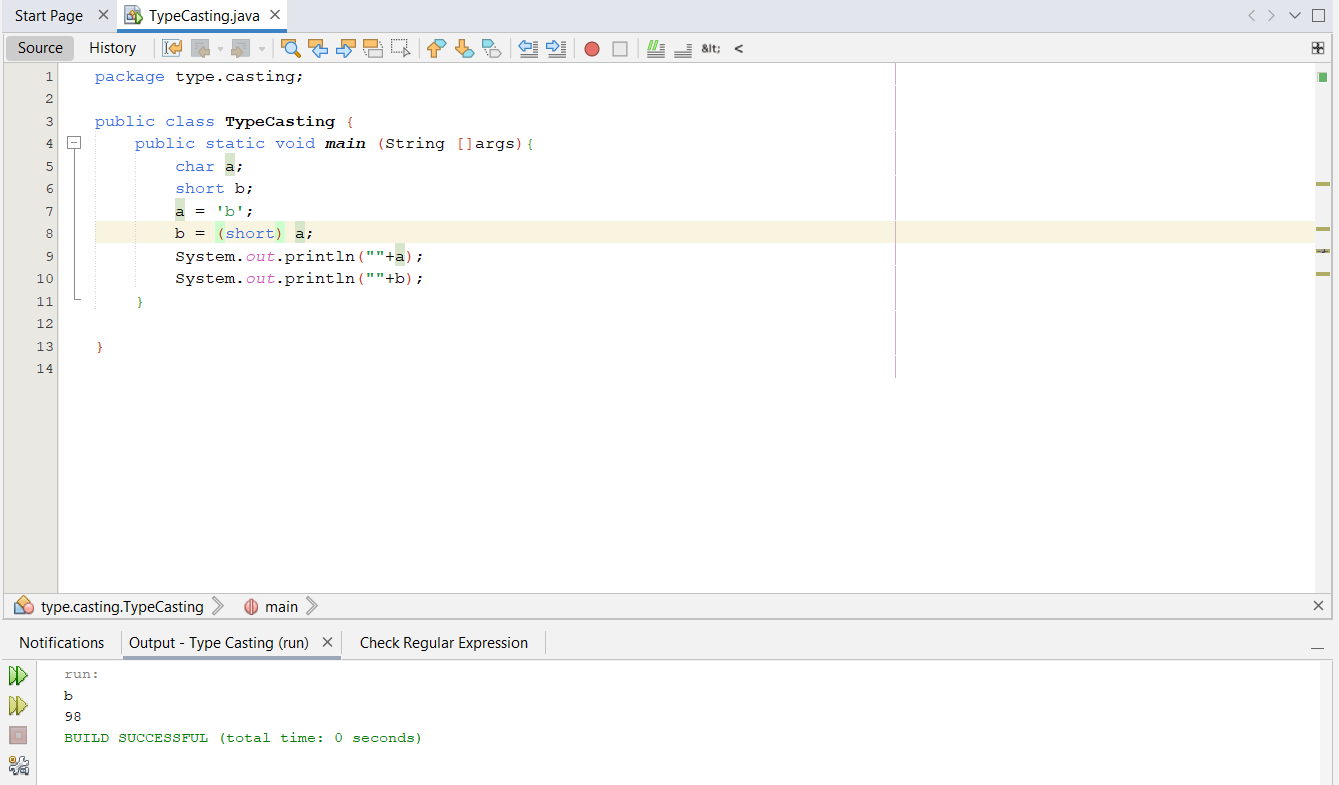
**Typecasting not required**

1. **char to byte**

****

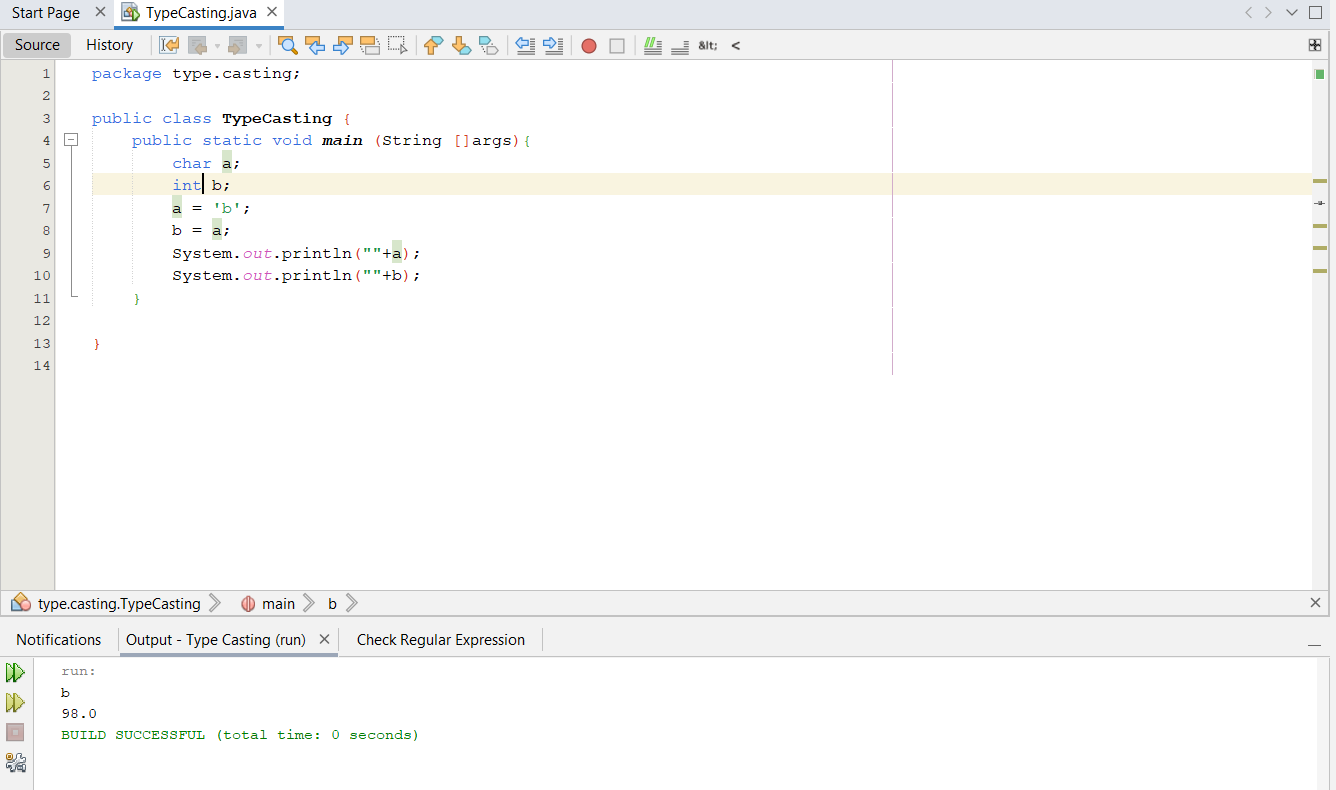
**Explicit typecasting required**

1. **char to short**

****

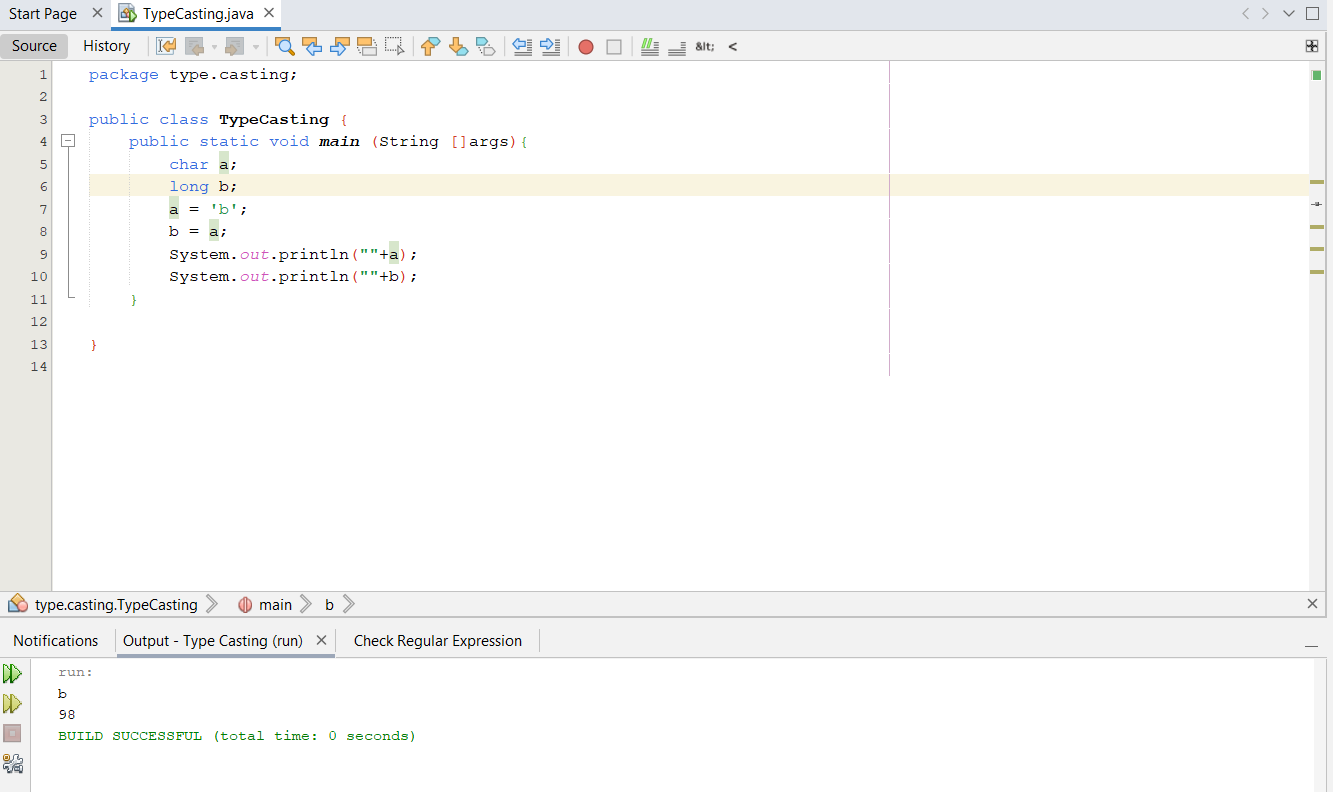
**Explicit typecasting required**

1. **char to int**

****

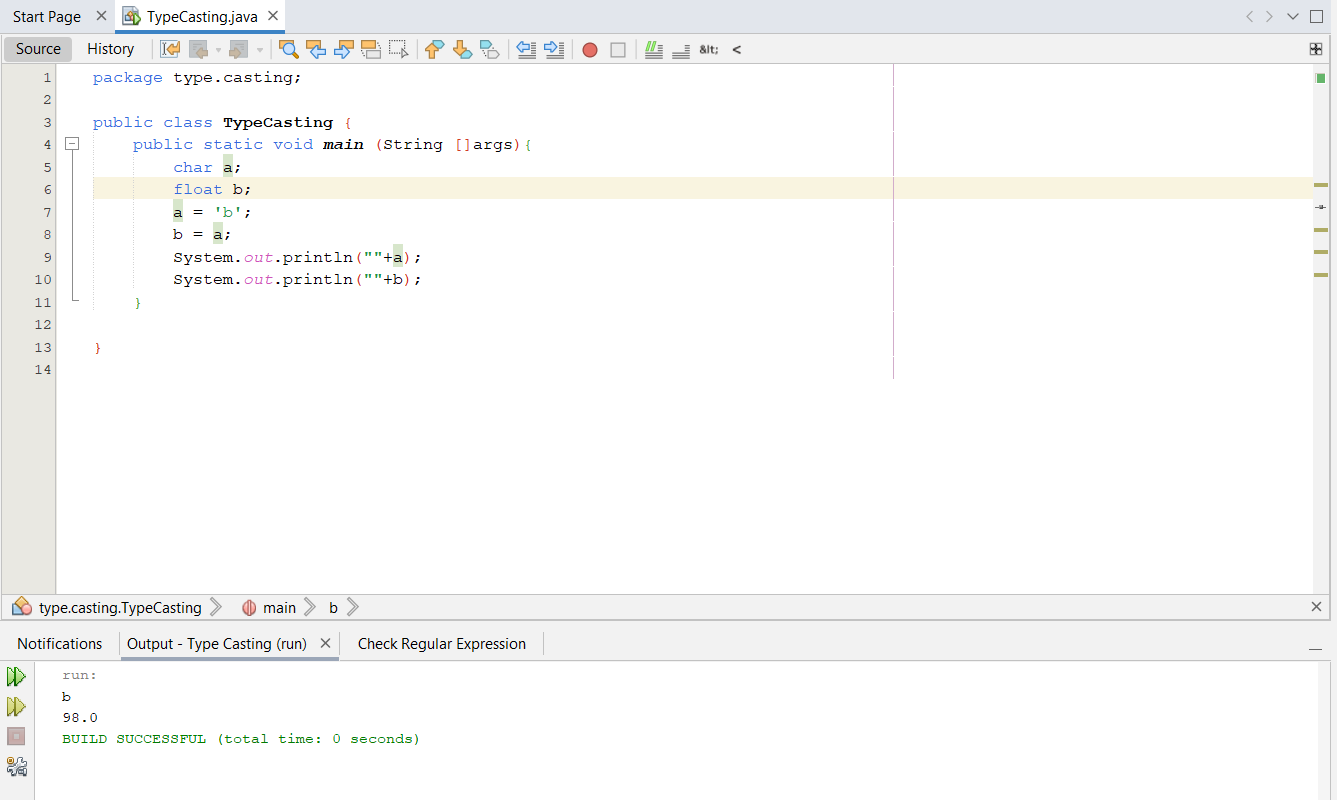
**Implicit typecasting required**

1. **char to long**

****

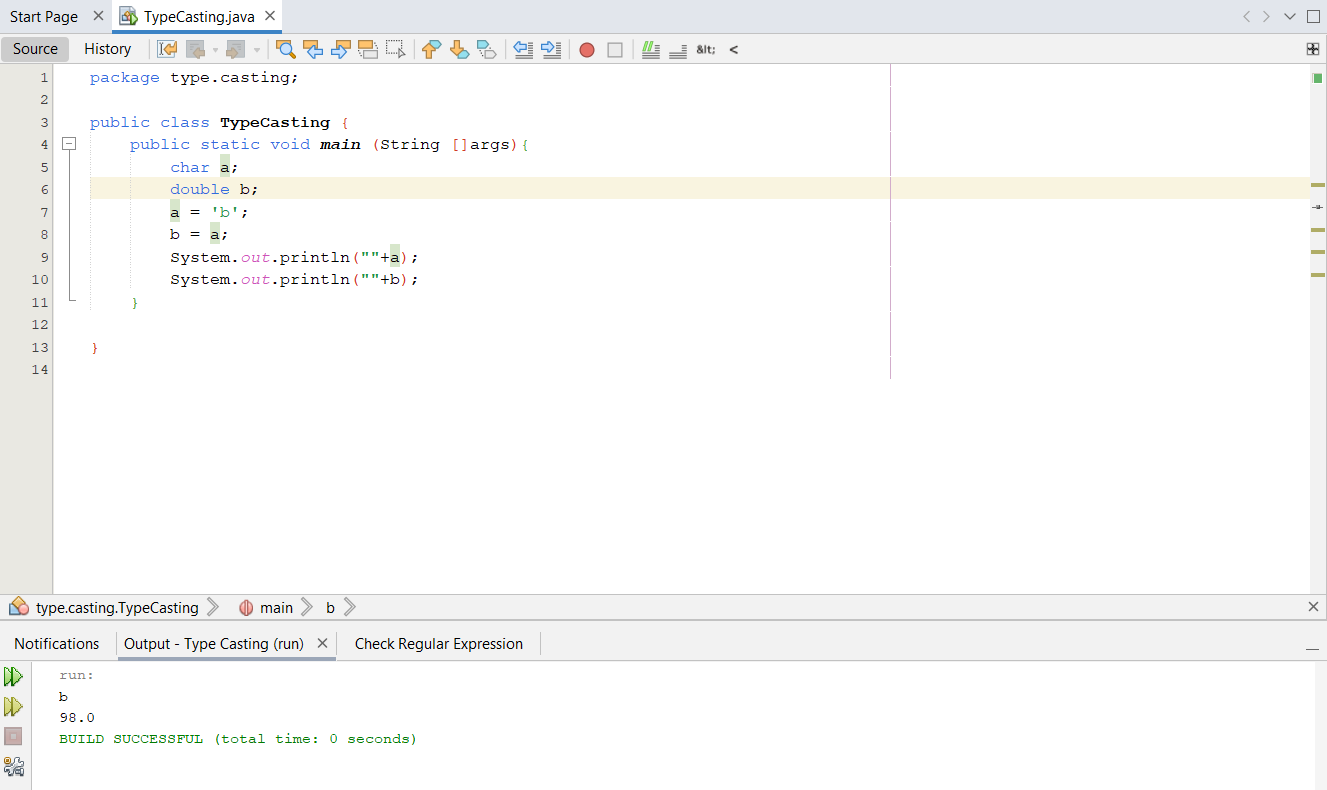
**Implicit typecasting required**

1. **char to float**

****

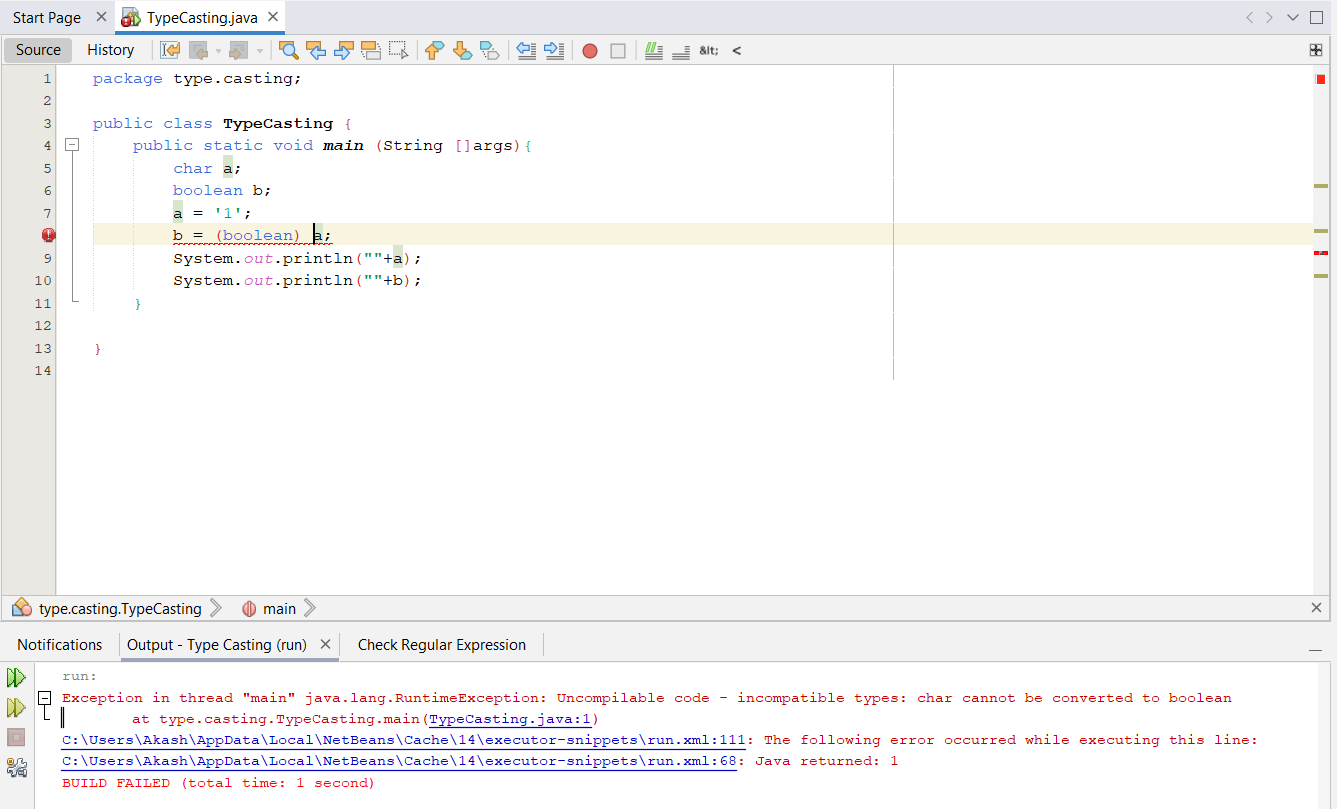
**Implicit typecasting required**

1. **char to double**

****

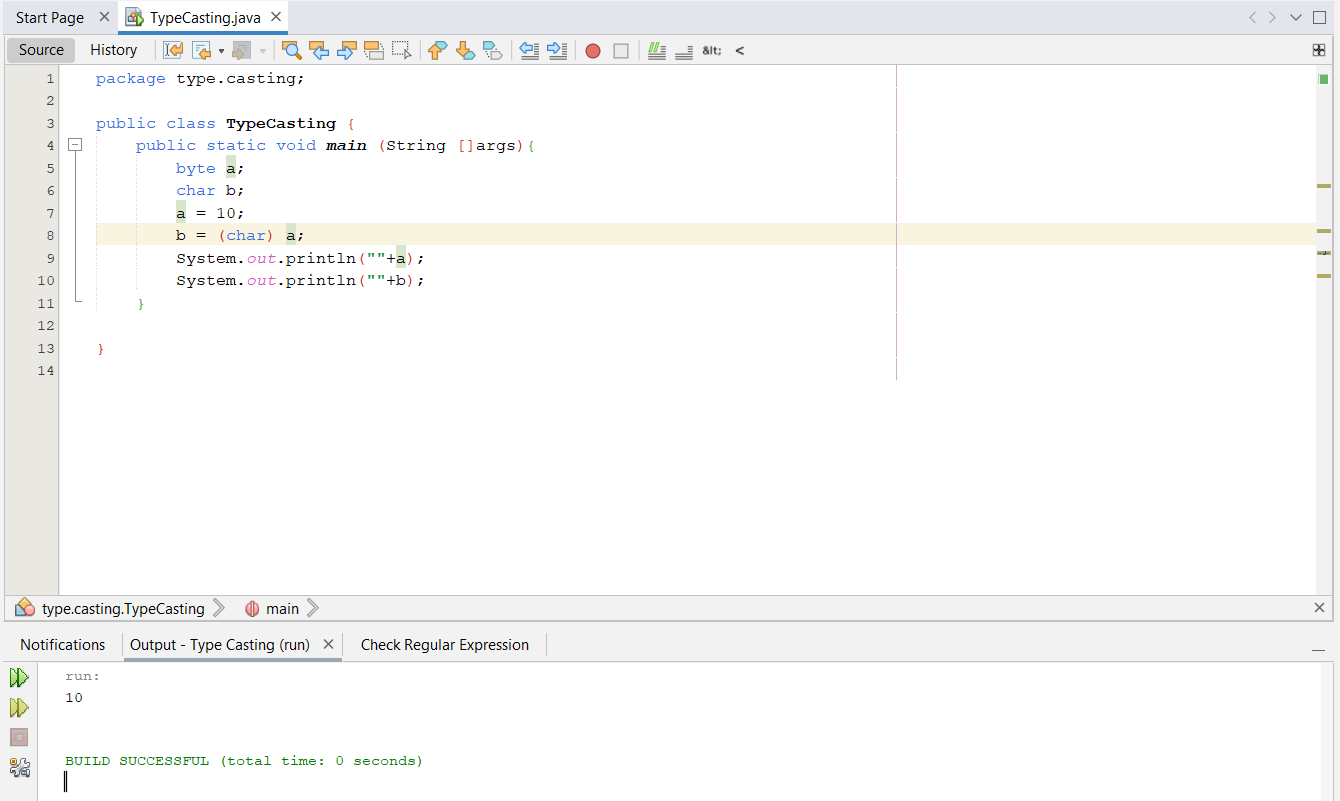
**Implicit typecasting required**

1. **char to Boolean**

****

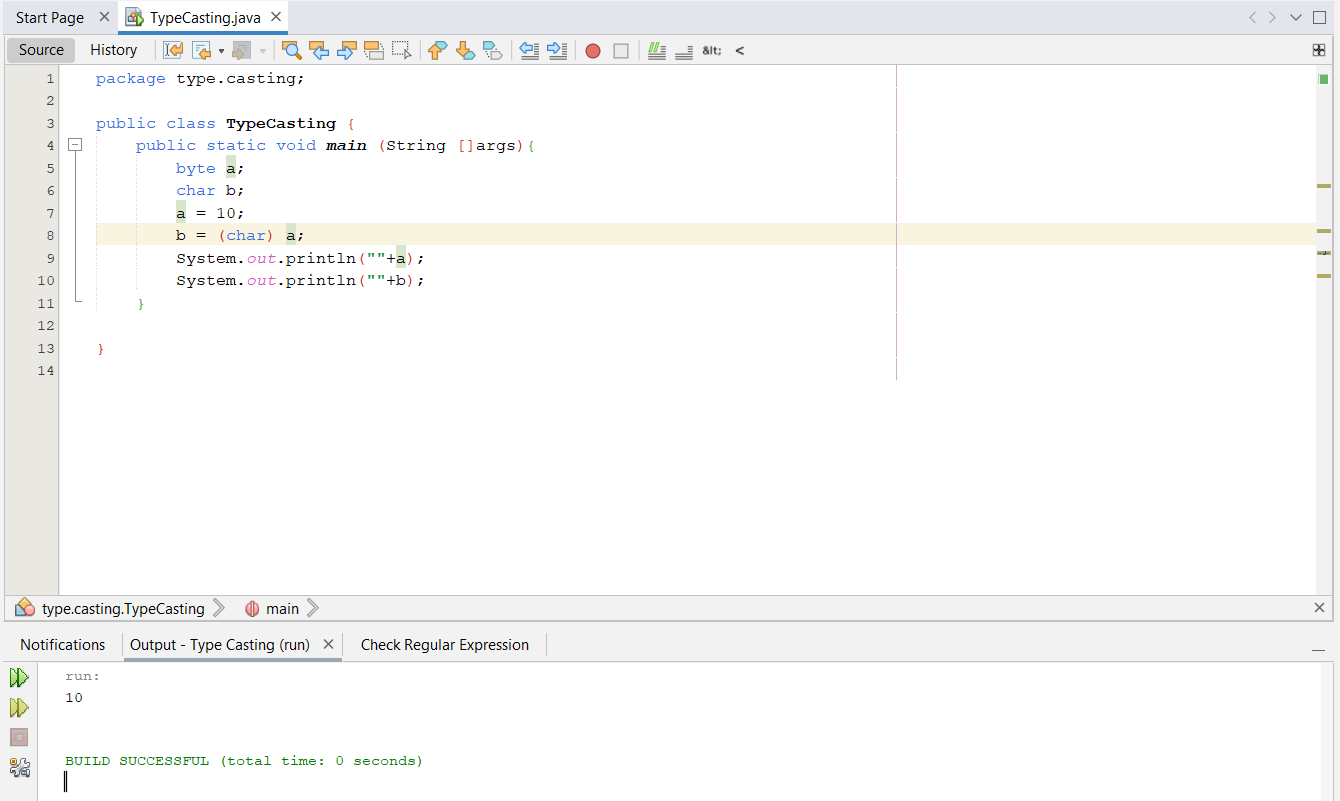
**Typecasting cannot be done**

1. **byte to char**

****

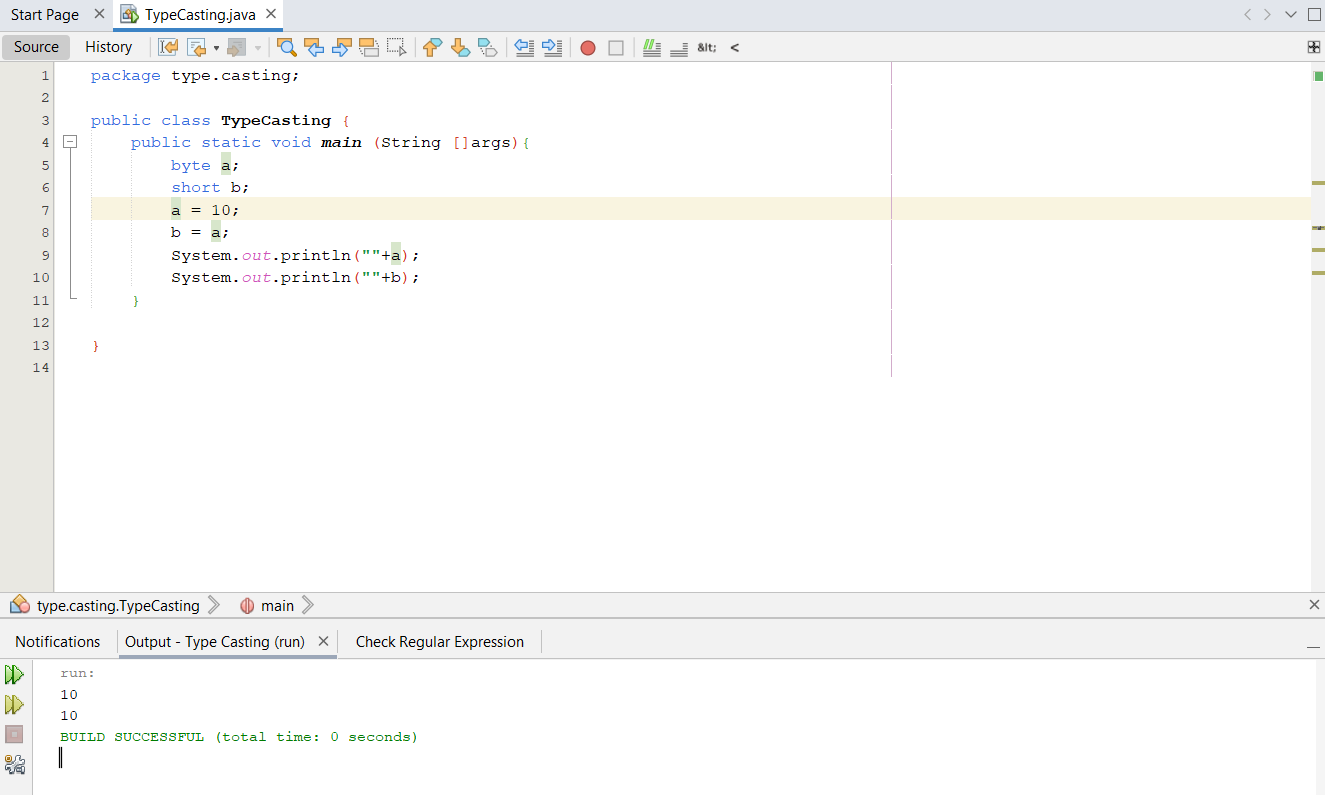
**Explicit typecasting Required**

1. **byte to byte**

****

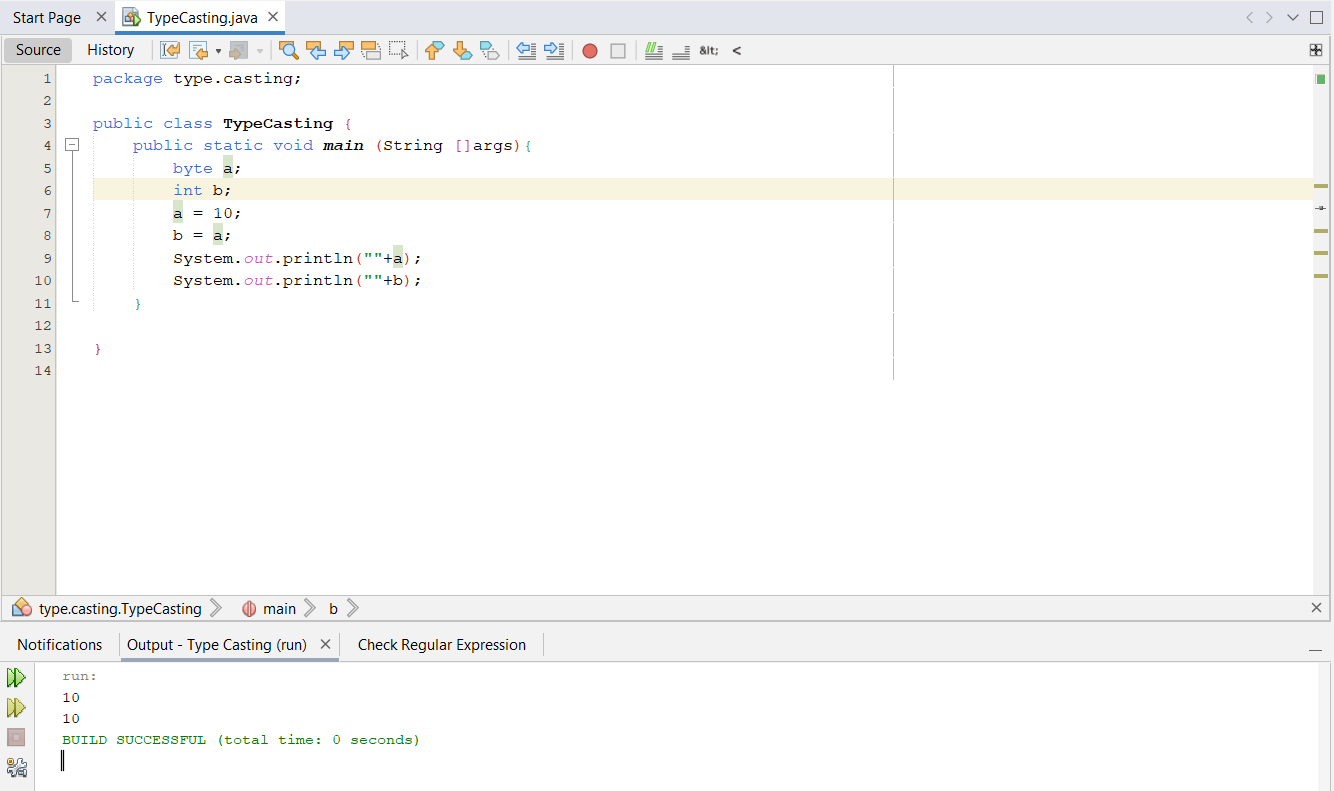
**Typecasting not required**

1. **byte to short**

****

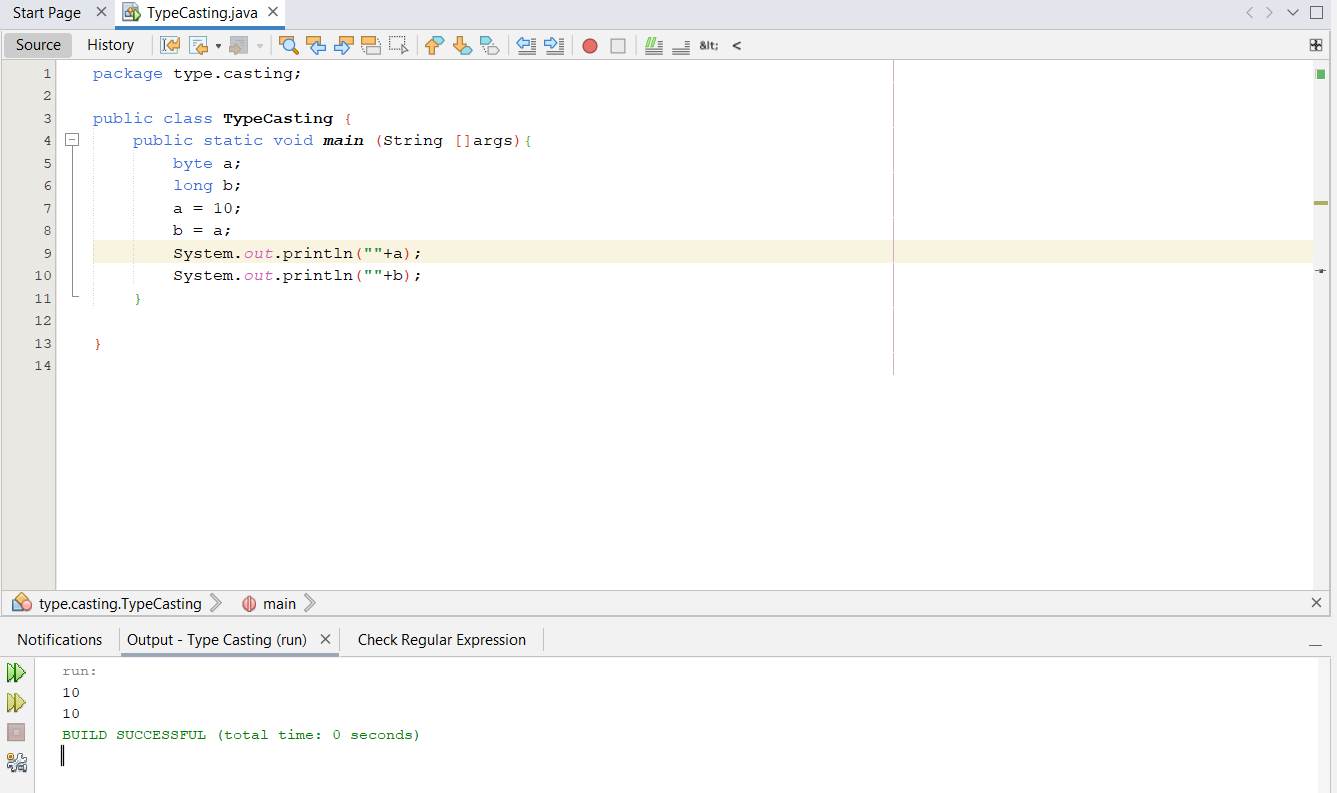
**Implicit typecasting required**

1. **byte to int**

****

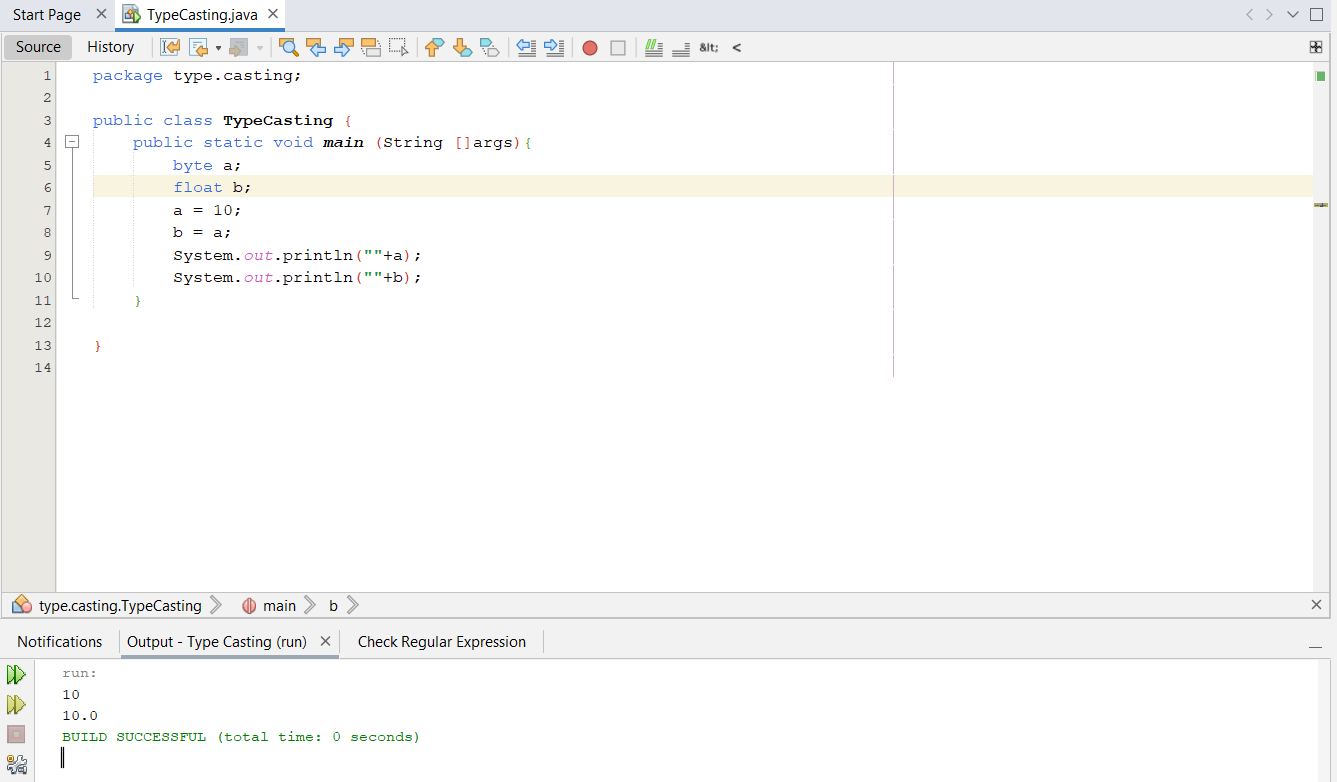
**Implicit typecasting required**

1. **byte to long**

****

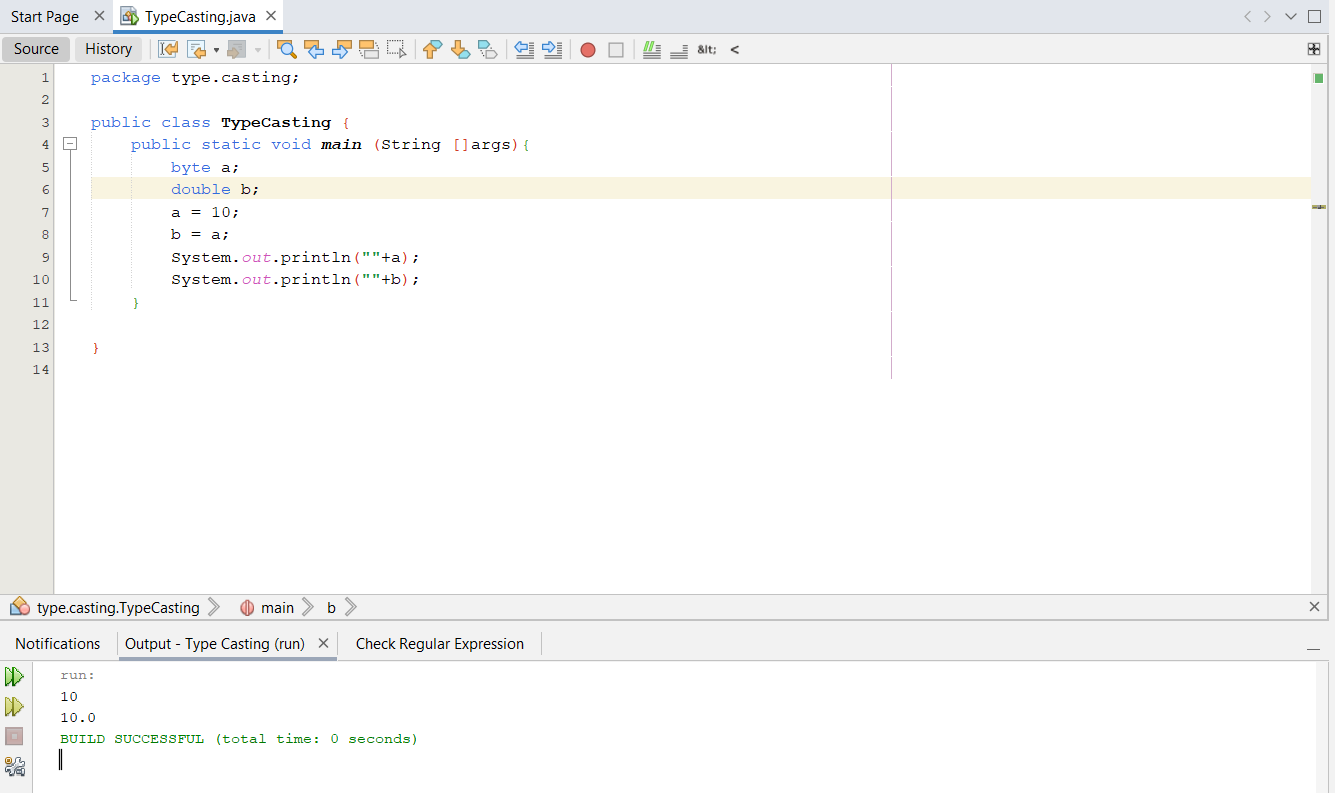
**Implicit typecasting required**

1. **byte to float**

****

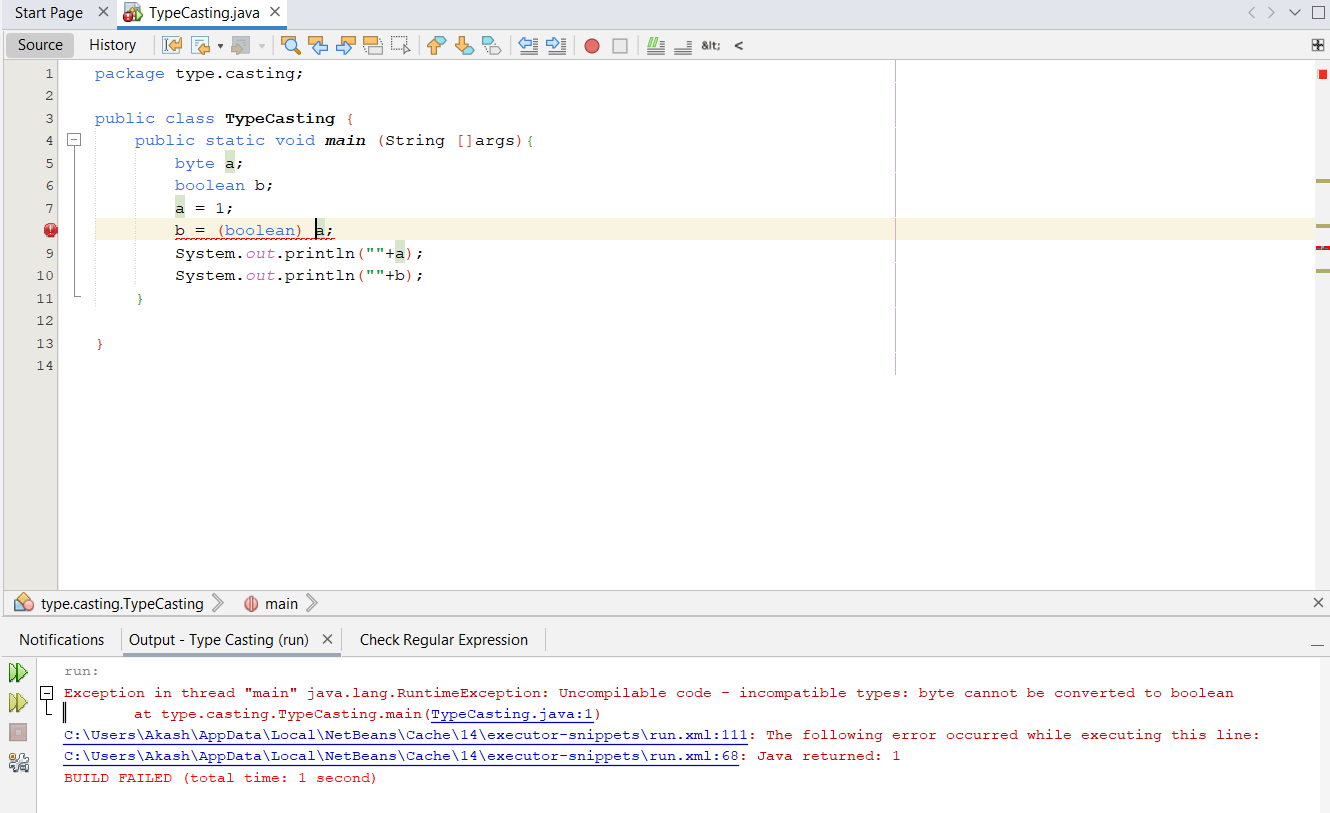
**Implicit typecasting required**

1. **byte to double**

****

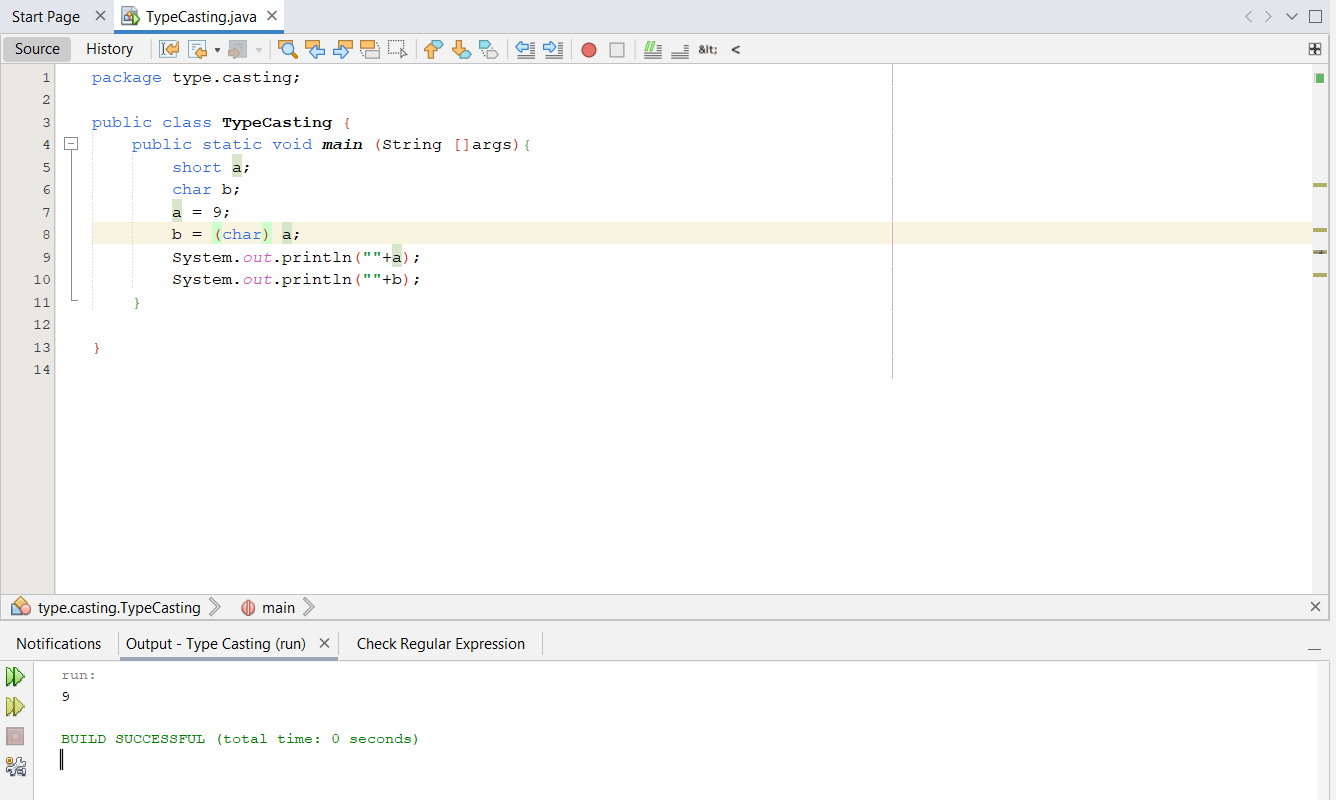
**Implicit typecasting required**

1. **byte to Boolean**



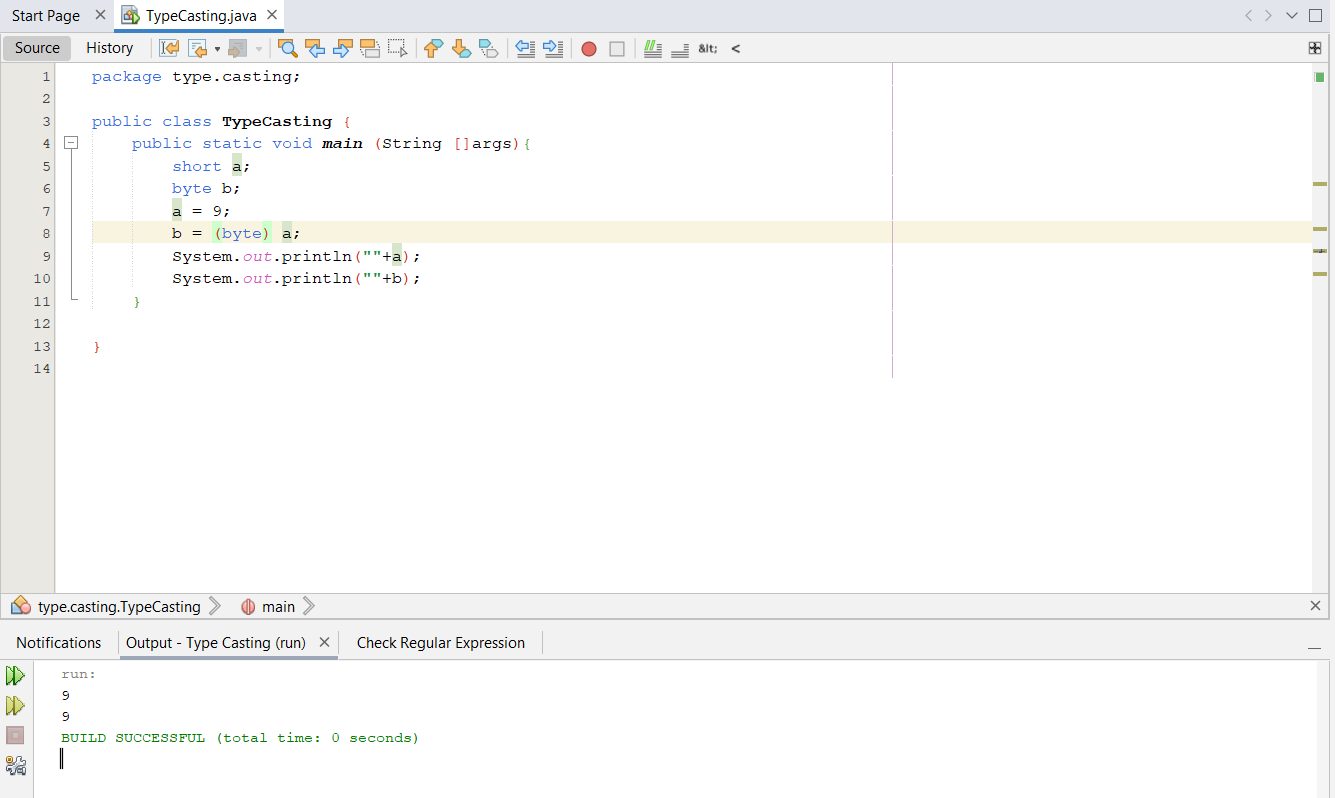
**Typecasting cannot be done**

1. **short to char**

****

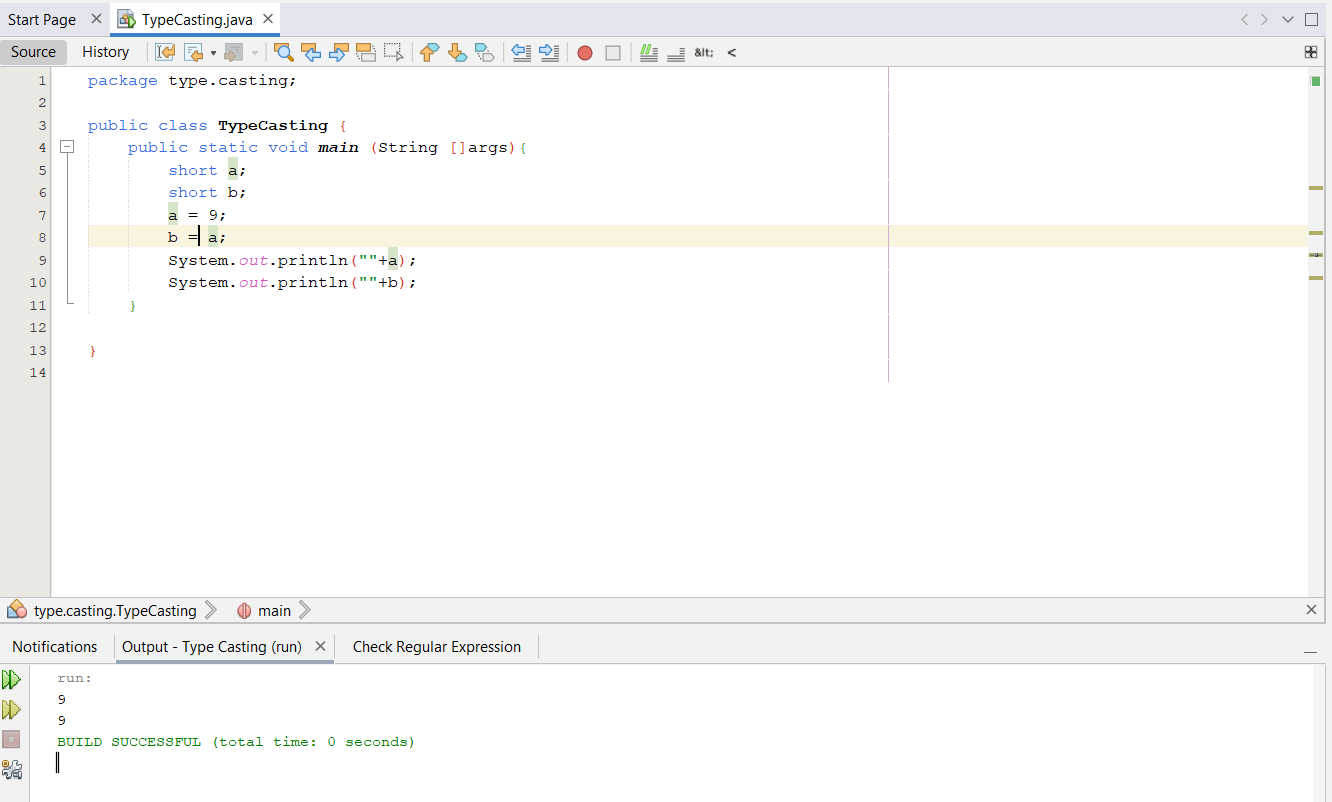
**Explicit typecasting required**

1. **short to byte**

****

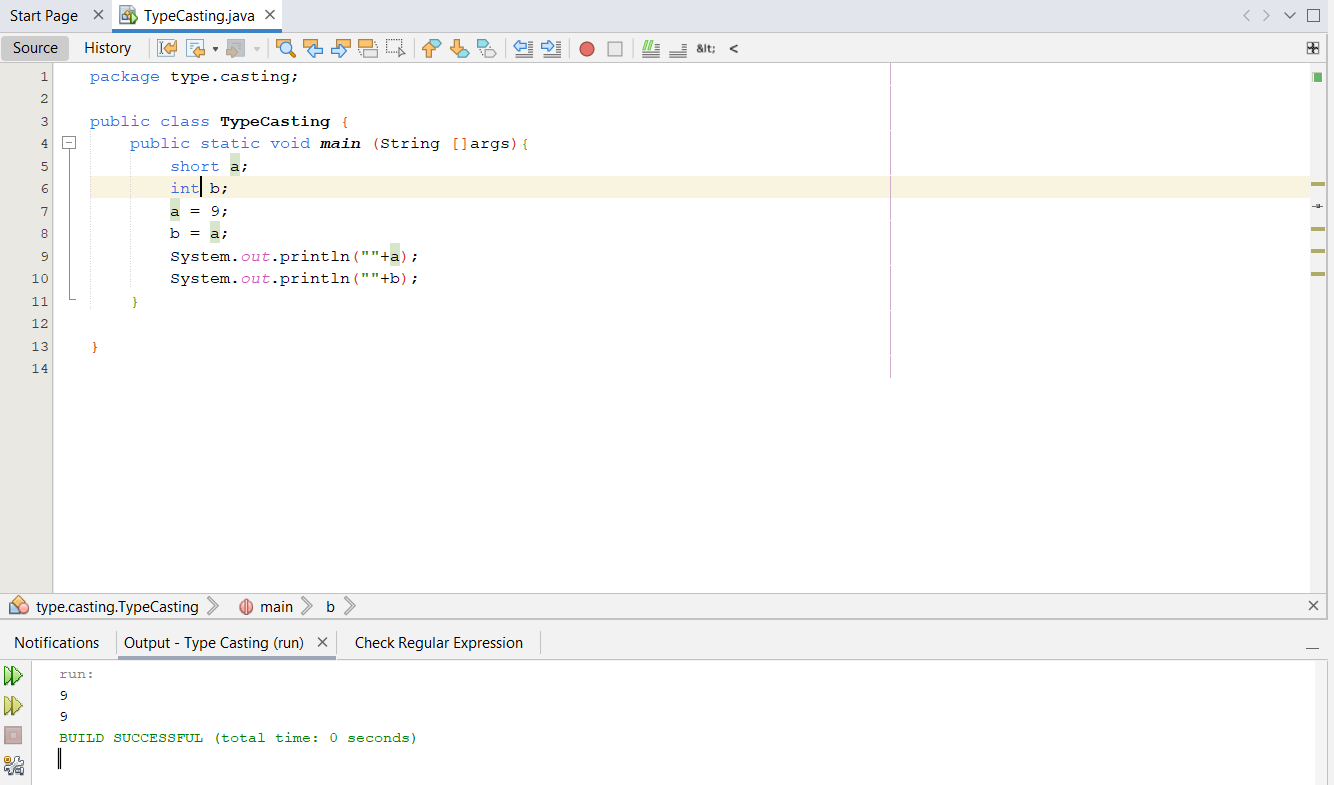
**Explicit typecasting required**

1. **short to short**

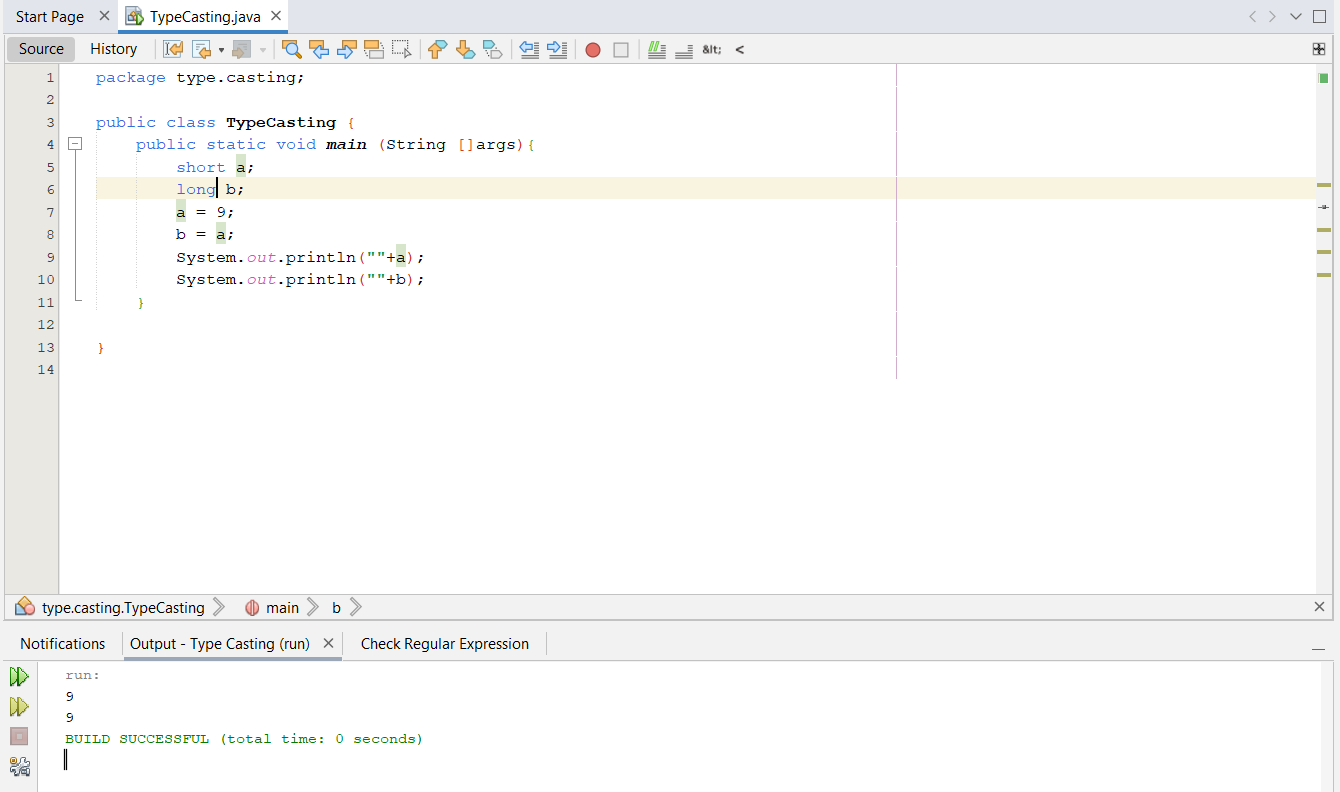
****

**Typecasting not required**

1. **short to int**

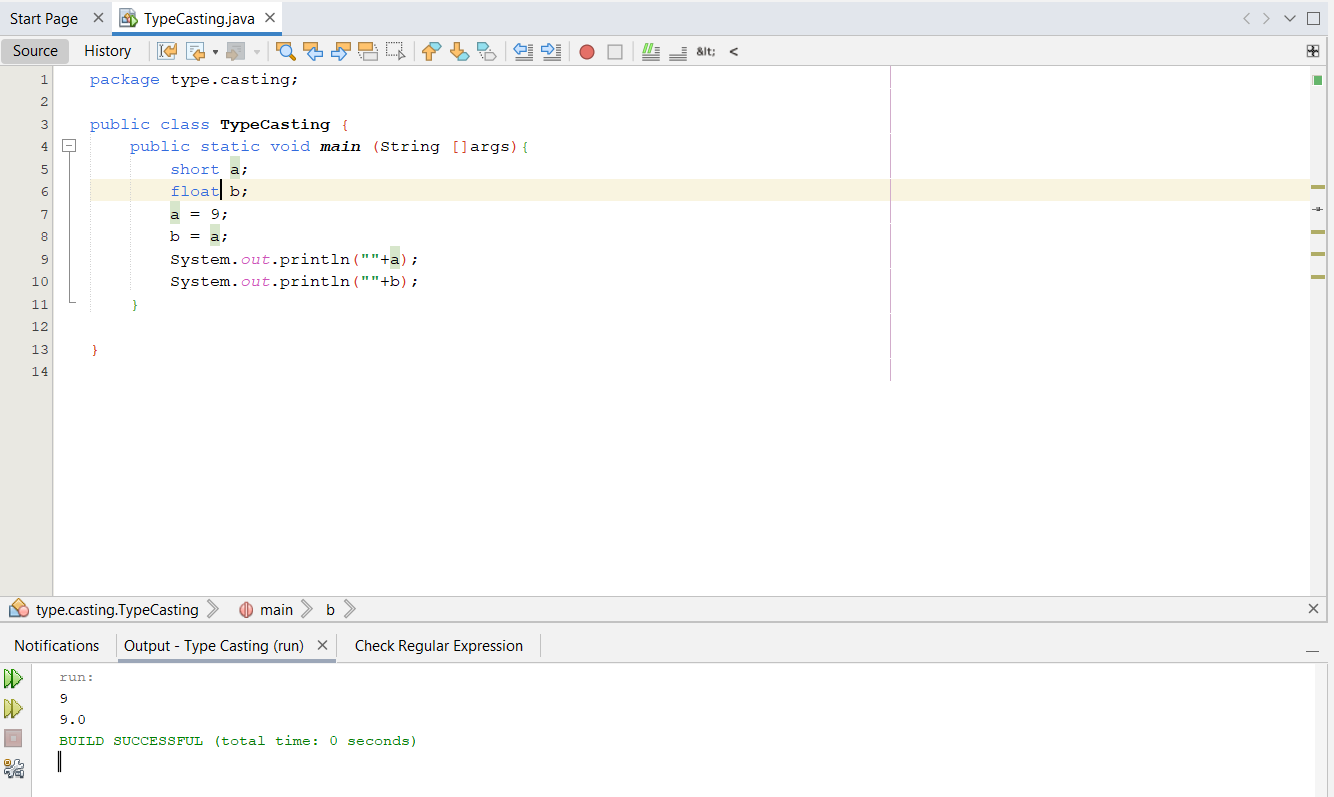
**Implicit typecasting required**

1. **short to long**

****

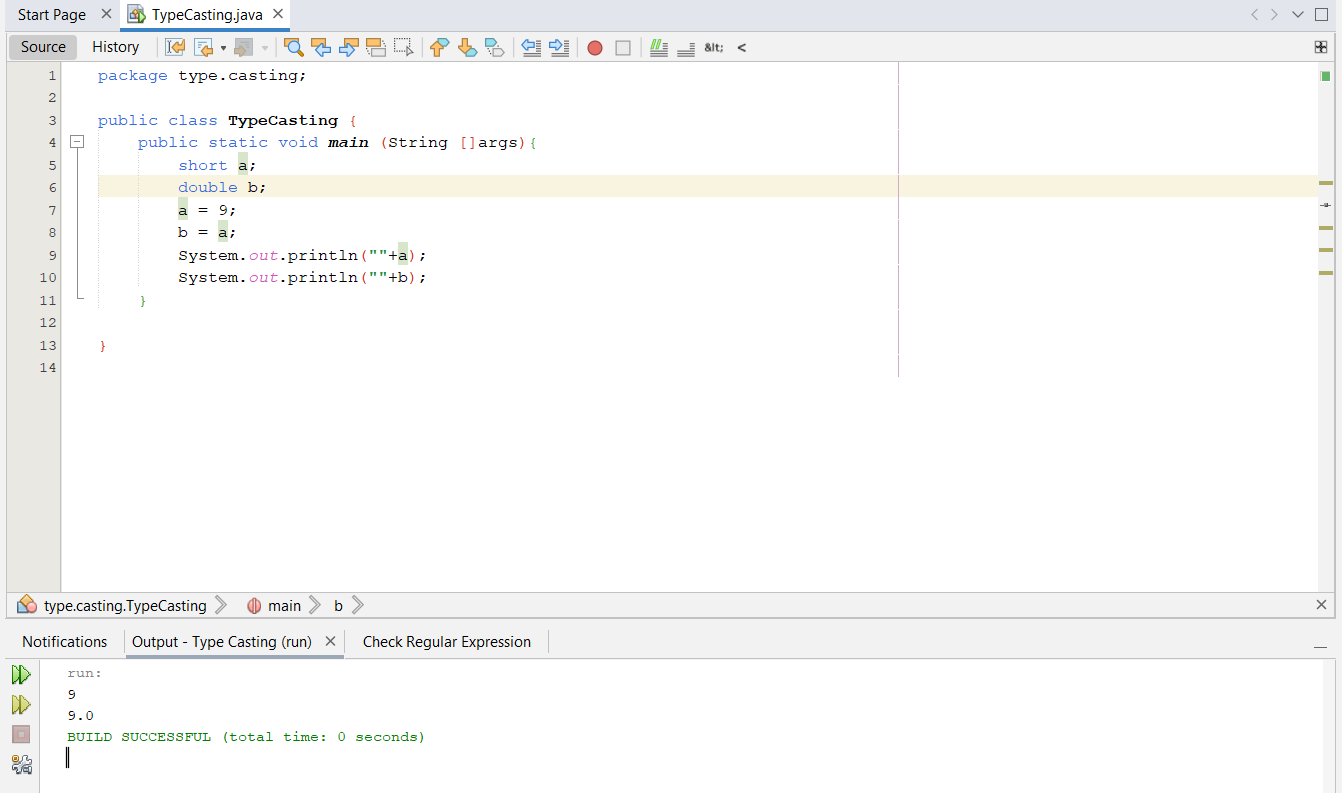
**Implicit typecasting required**

1. **short to float**

****

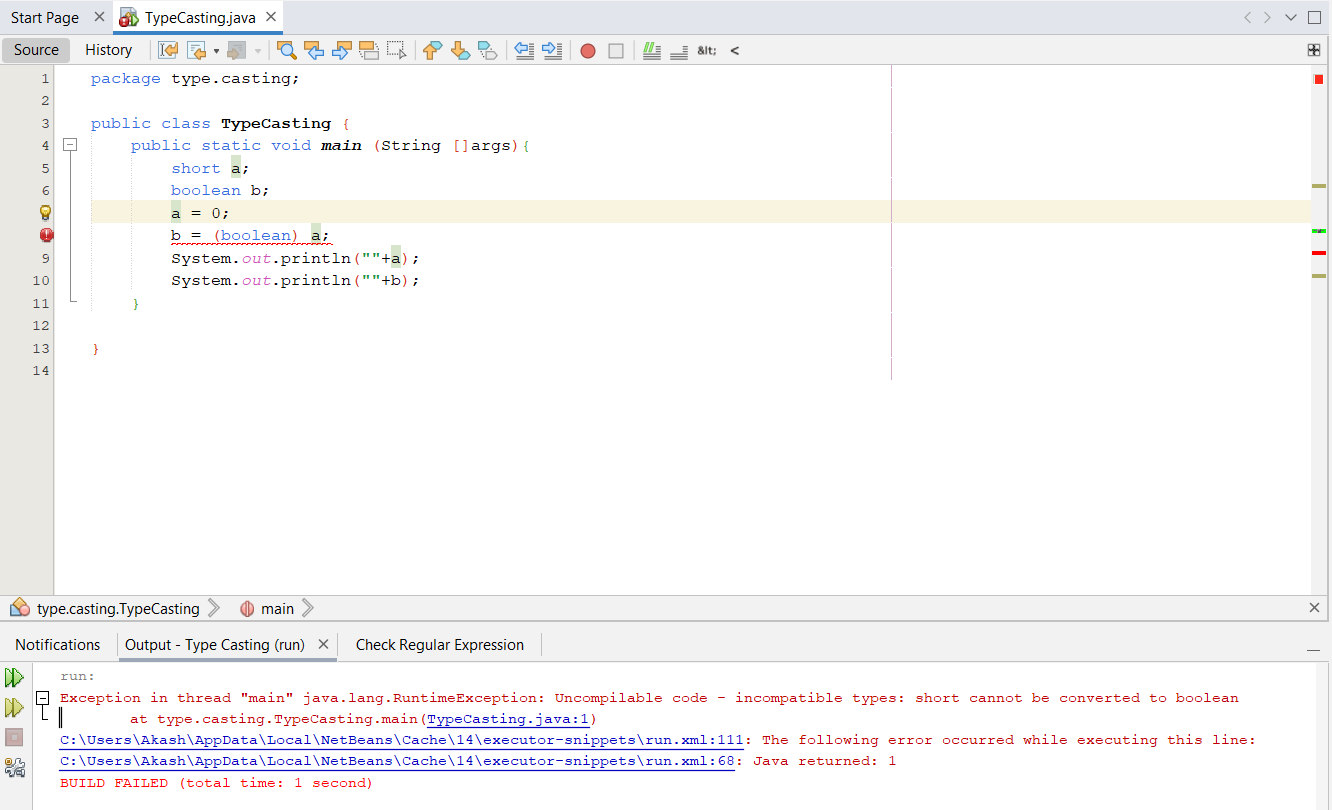
**Implicit typecasting required**

1. **short to double**

****

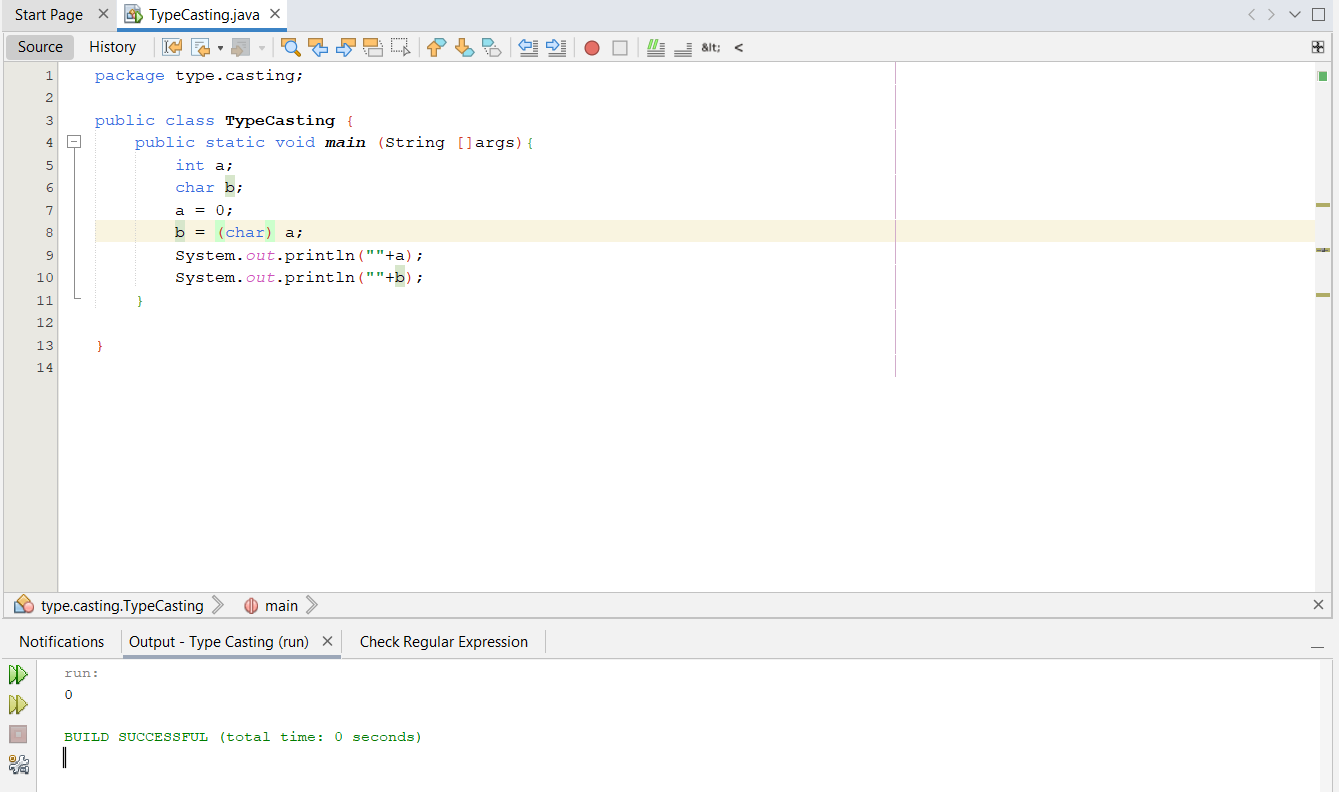
**Implicit typecasting required**

1. **short to boolean**



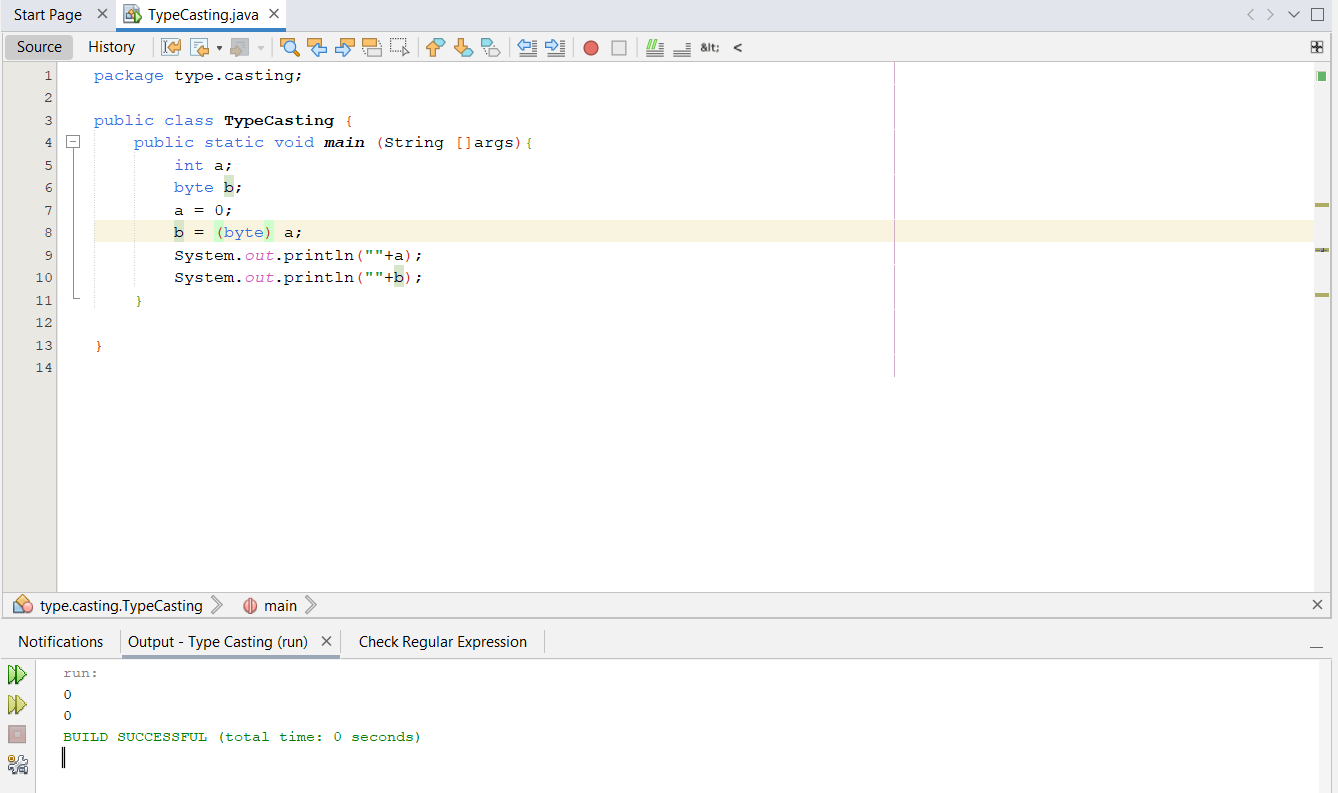
**Typecasting cannot be done**

1. **int to char**

****

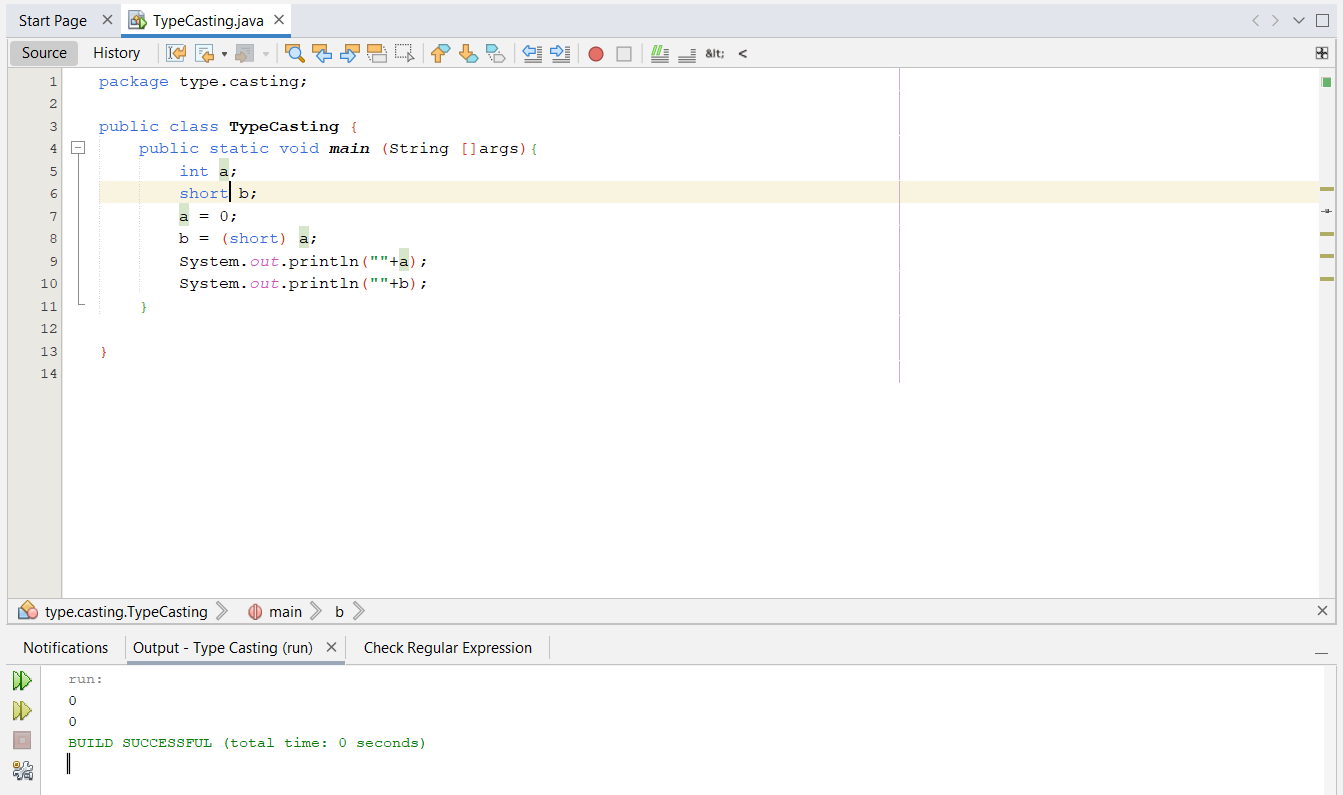
**Explicit typecasting required**

1. **int to byte**

****

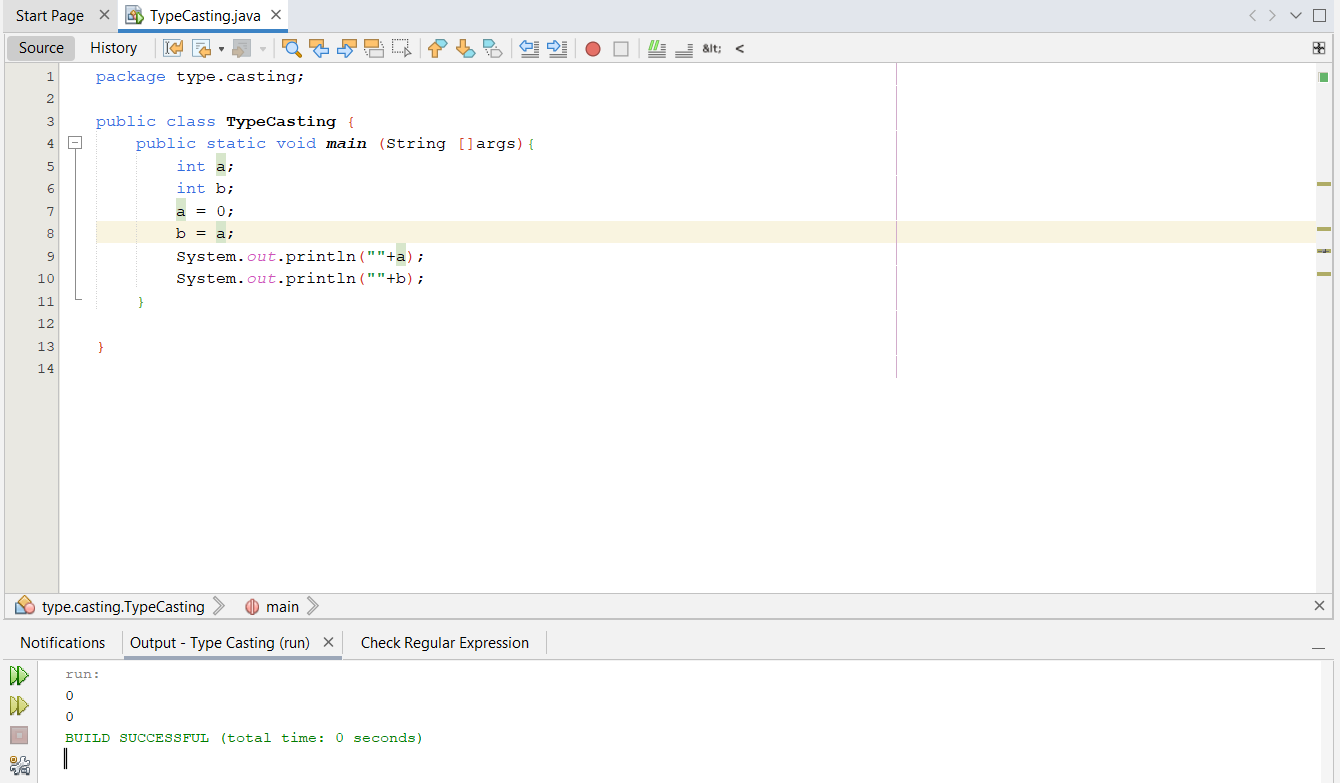
**Explicit typecasting required**

1. **int to short**

****

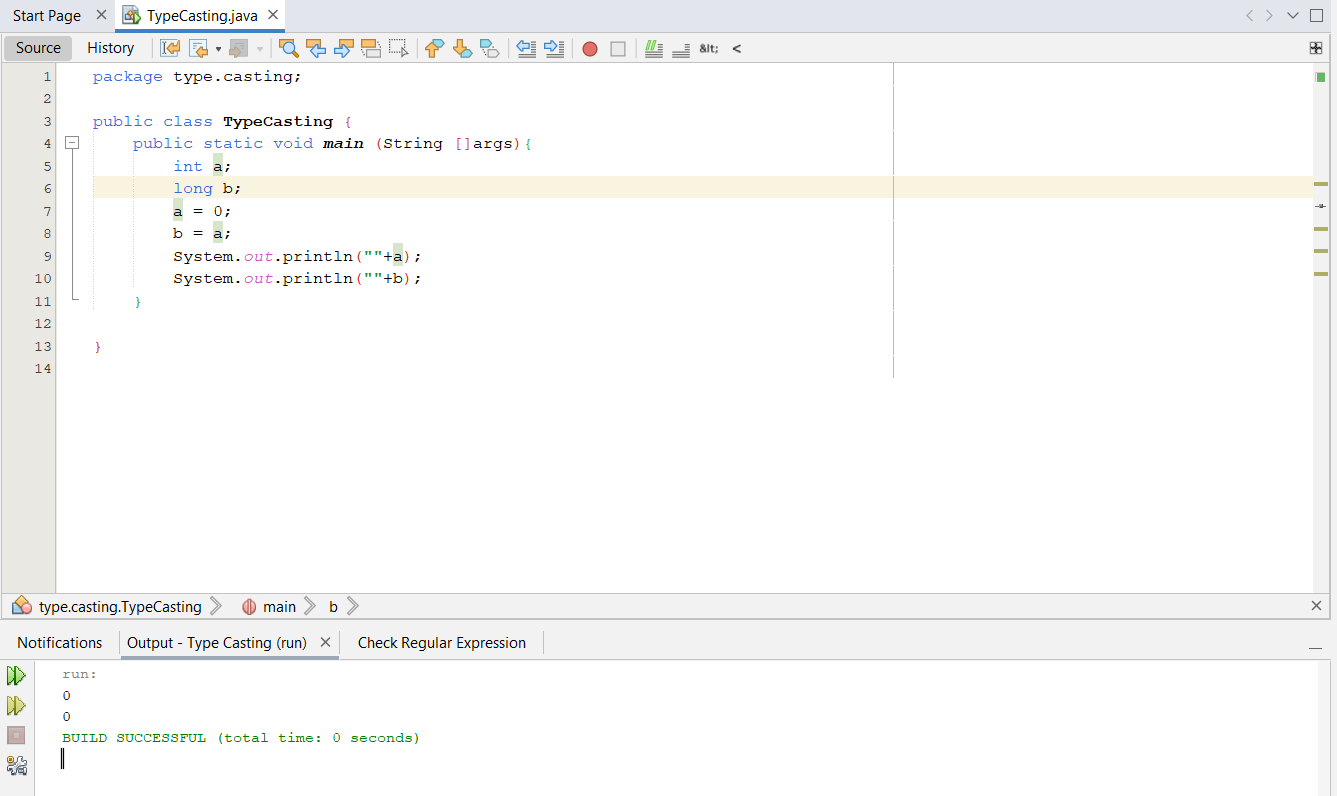
**Explicit typecasting required**

1. **int to int**

****

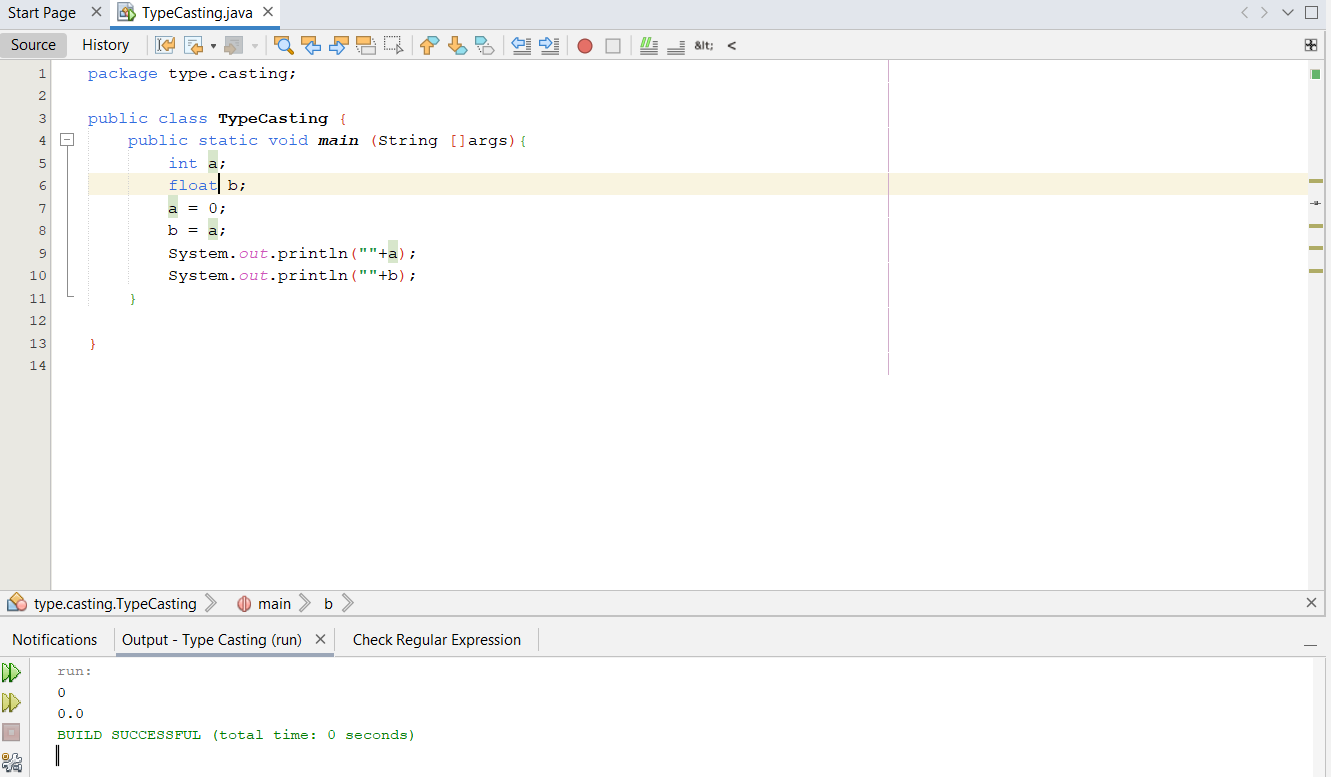
**Typecasting not required**

1. **int to long**

****

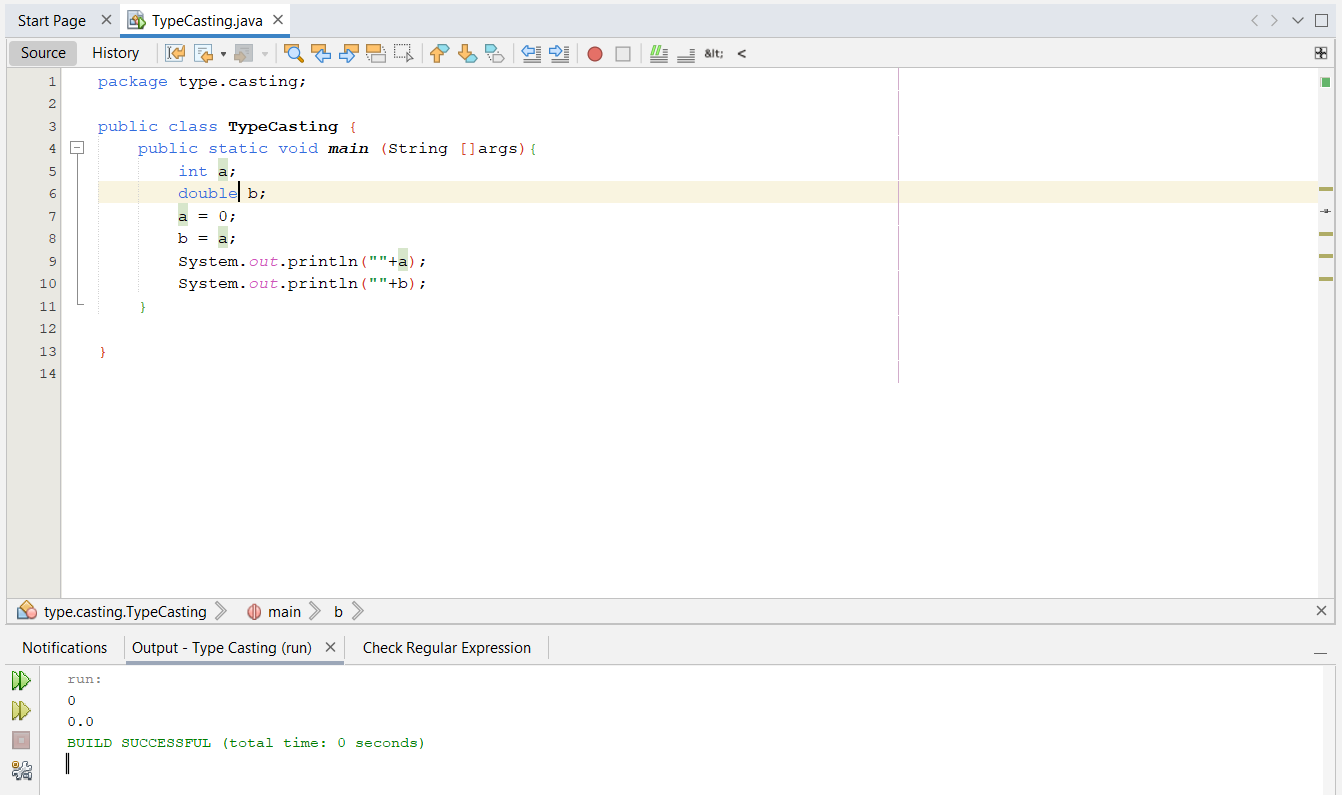
**Implicit typecasting required**

1. **int to float**

****

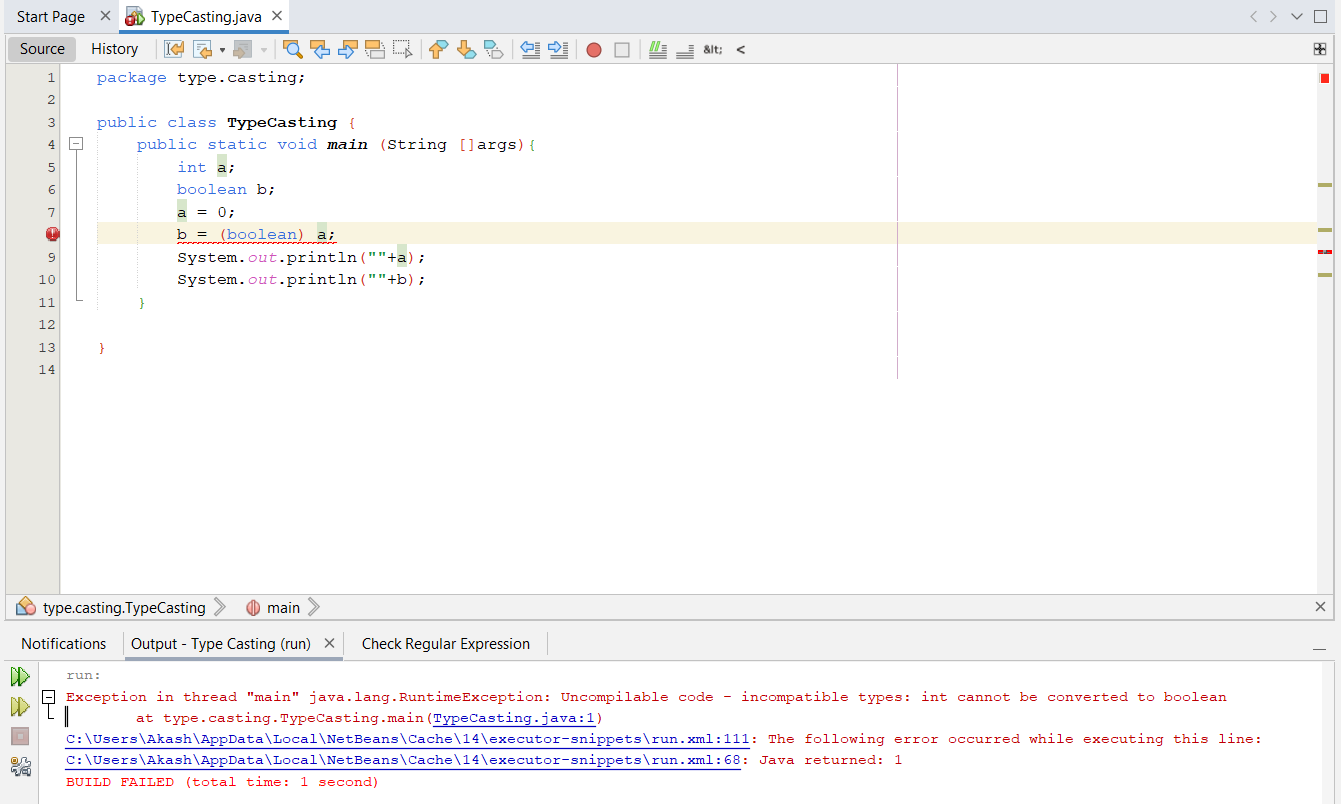
**Implicit typecasting required**

1. **int to double**

****

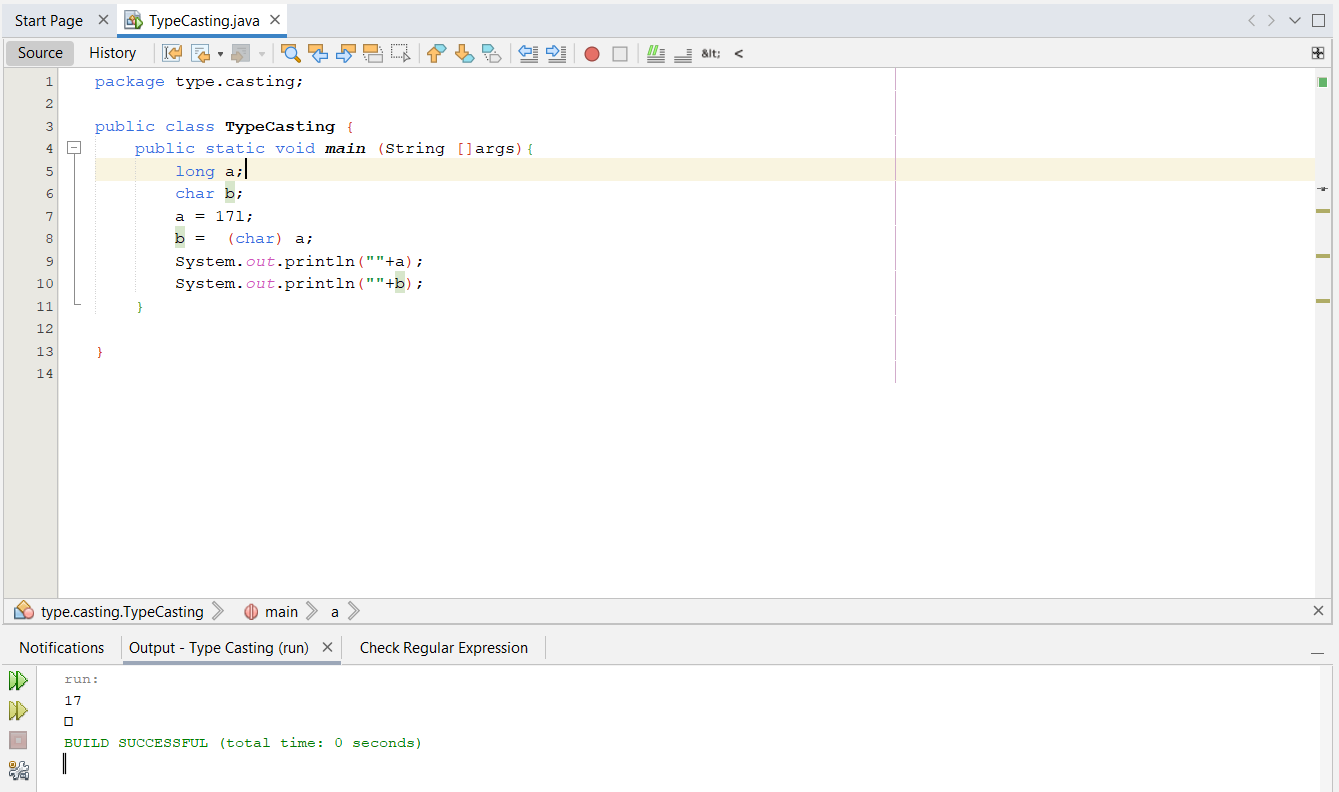
**Implicit typecasting required**

1. **int to boolean**



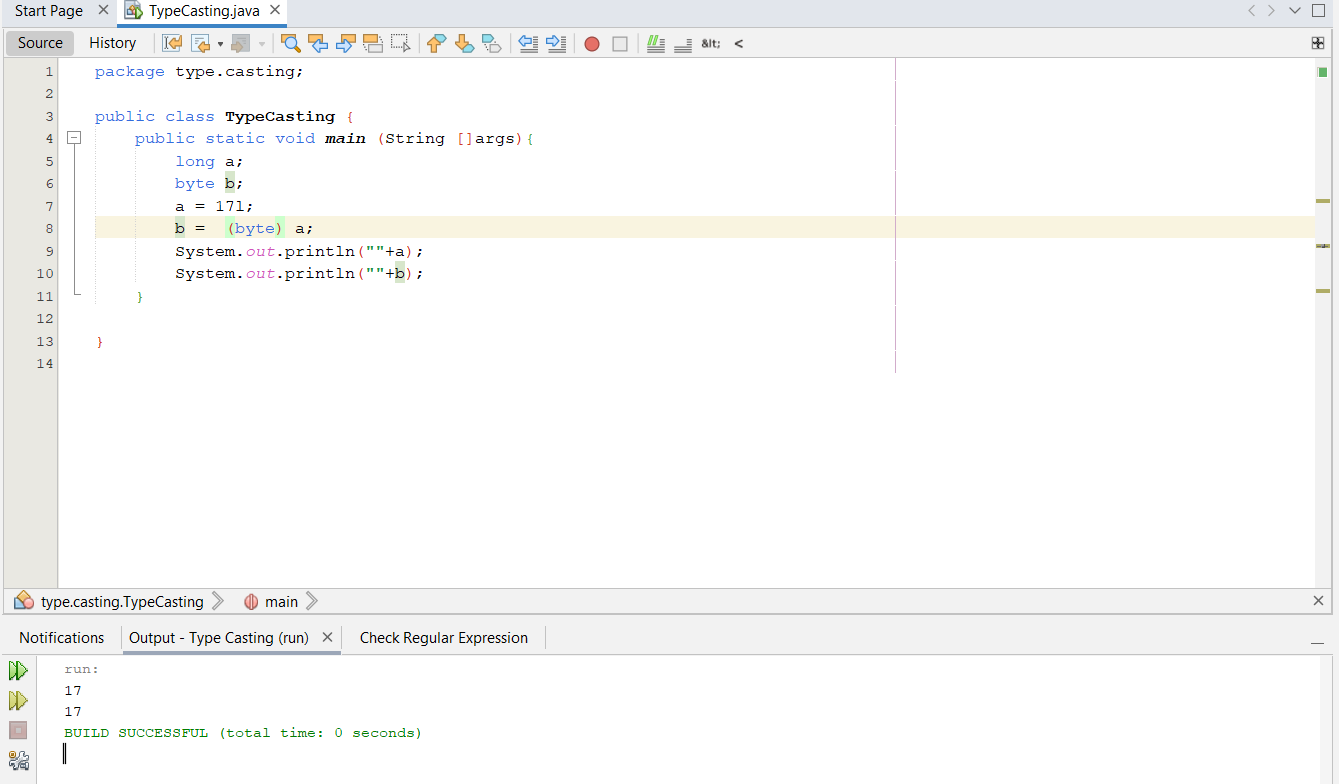
**Typecasting cannot be done**

1. **long to char**

****

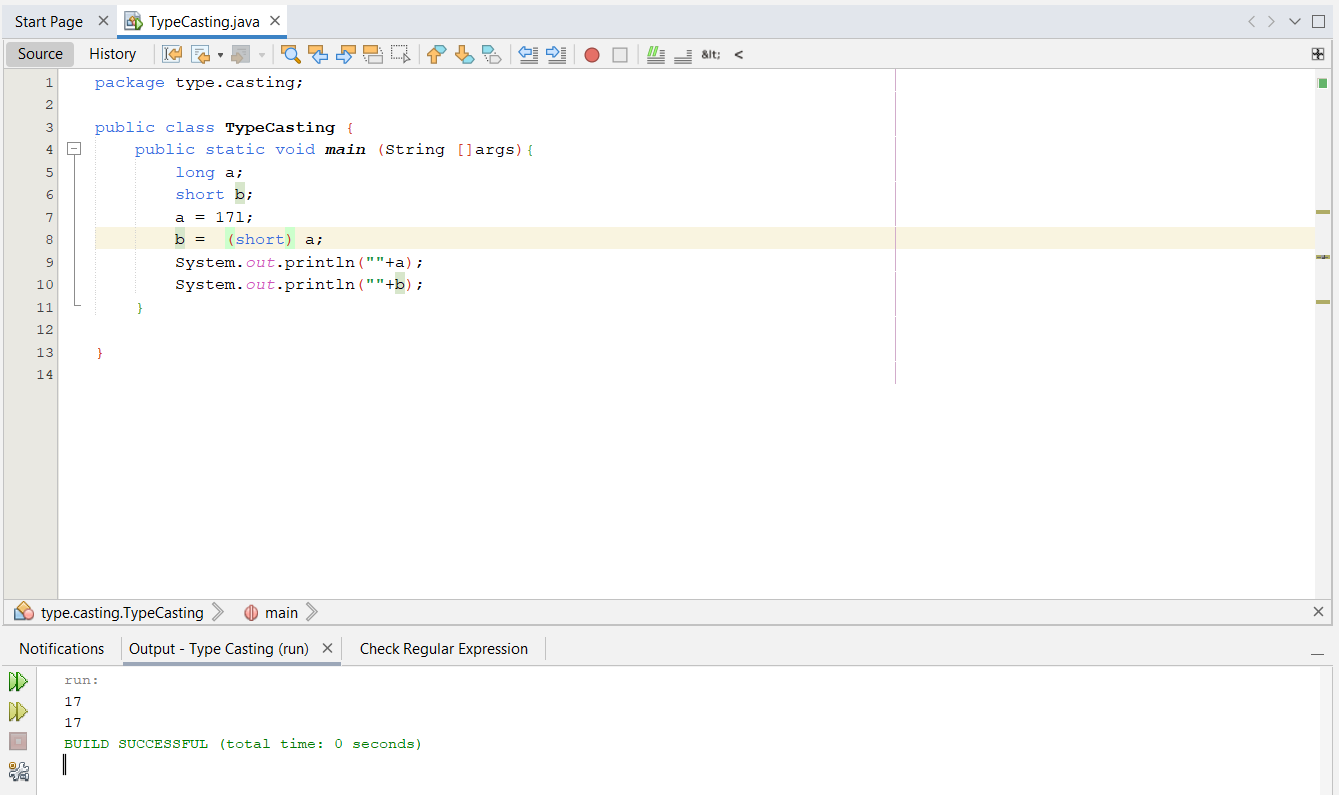
**Explicit typecasting required**

1. **long to byte**

****

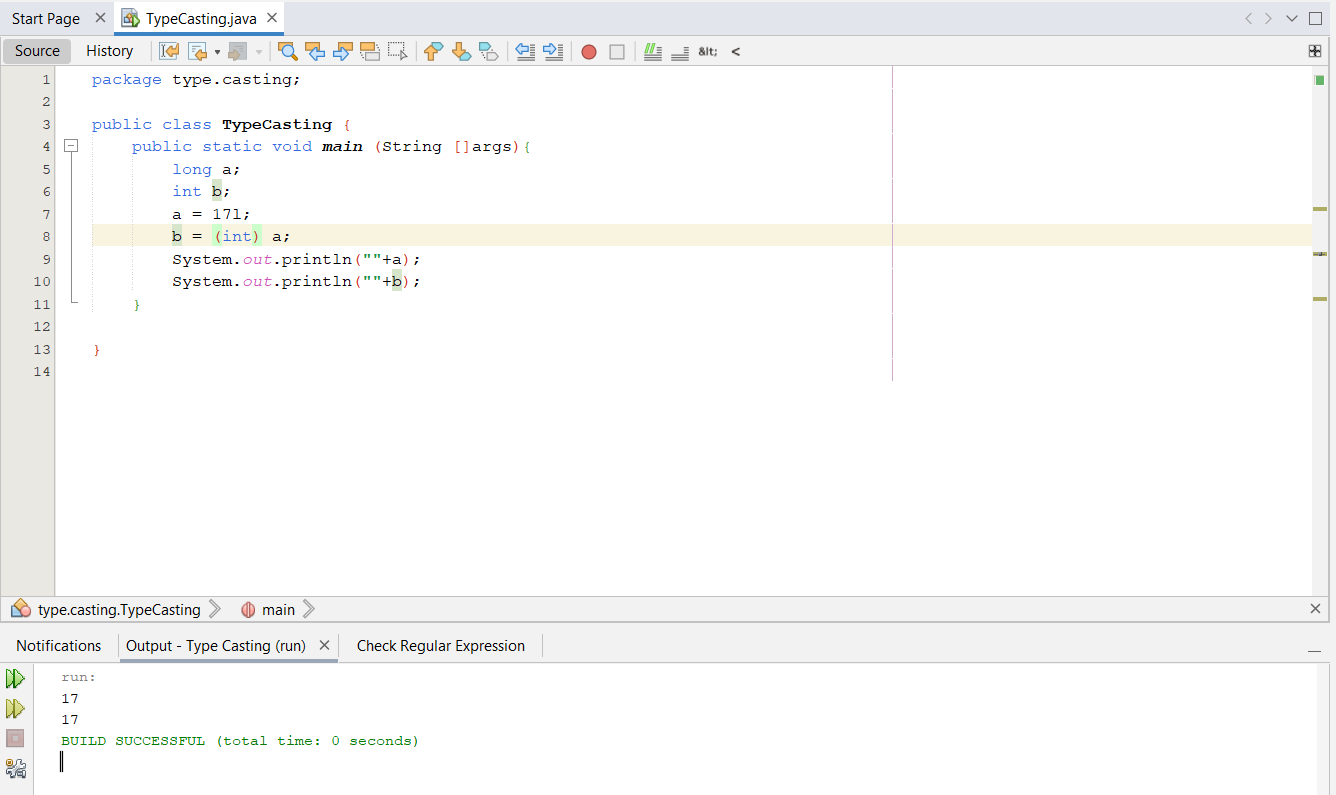
**Explicit typecasting required**

1. **long to short**

****

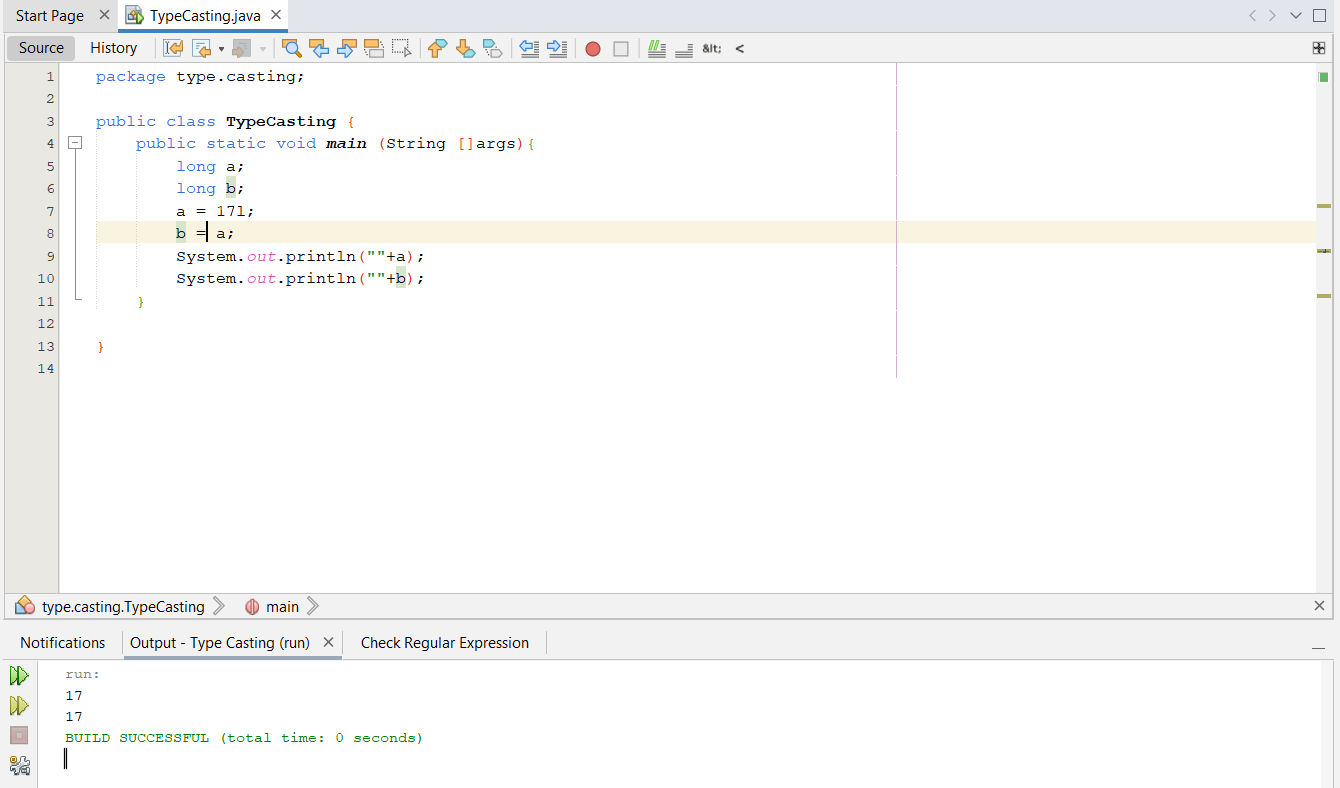
**Explicit typecasting required**

1. **long to int**

****

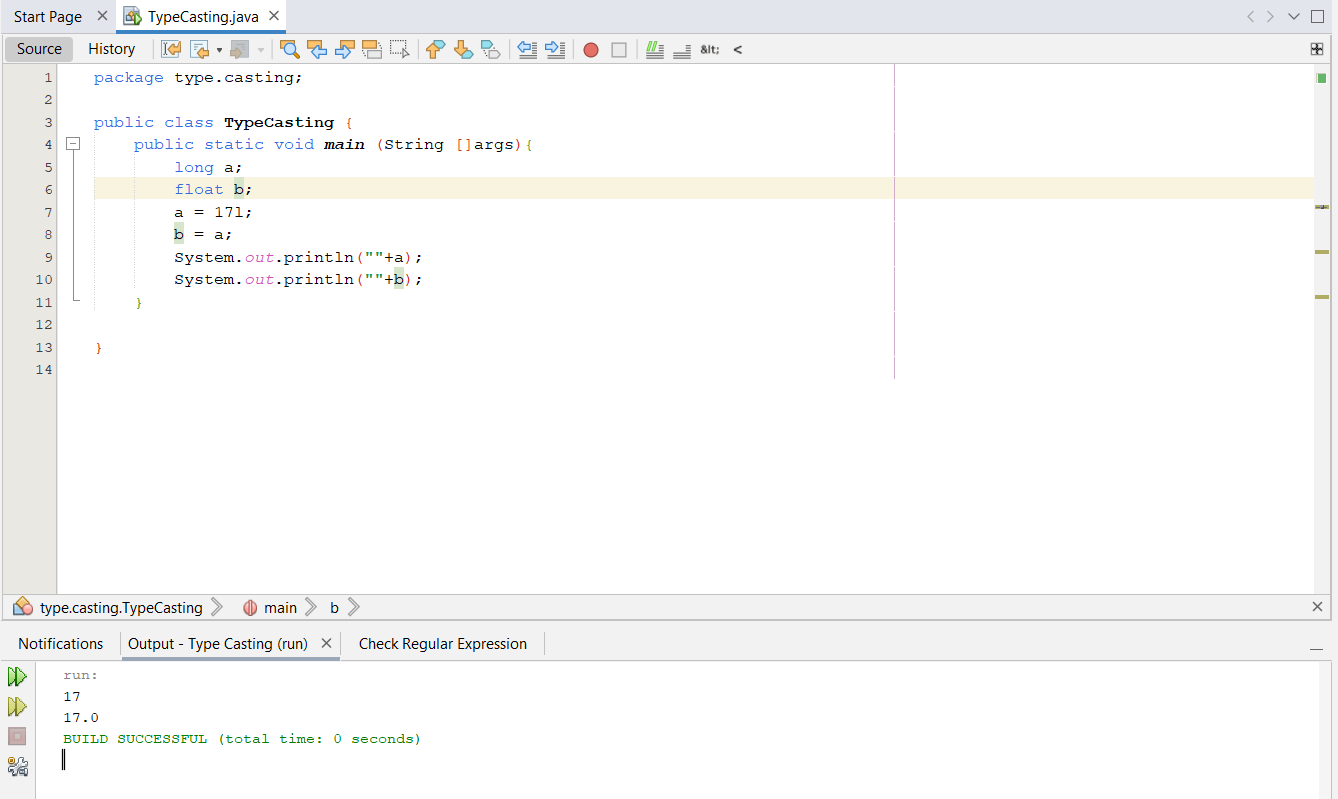
**Explicit typecasting required**

1. **long to long**

****

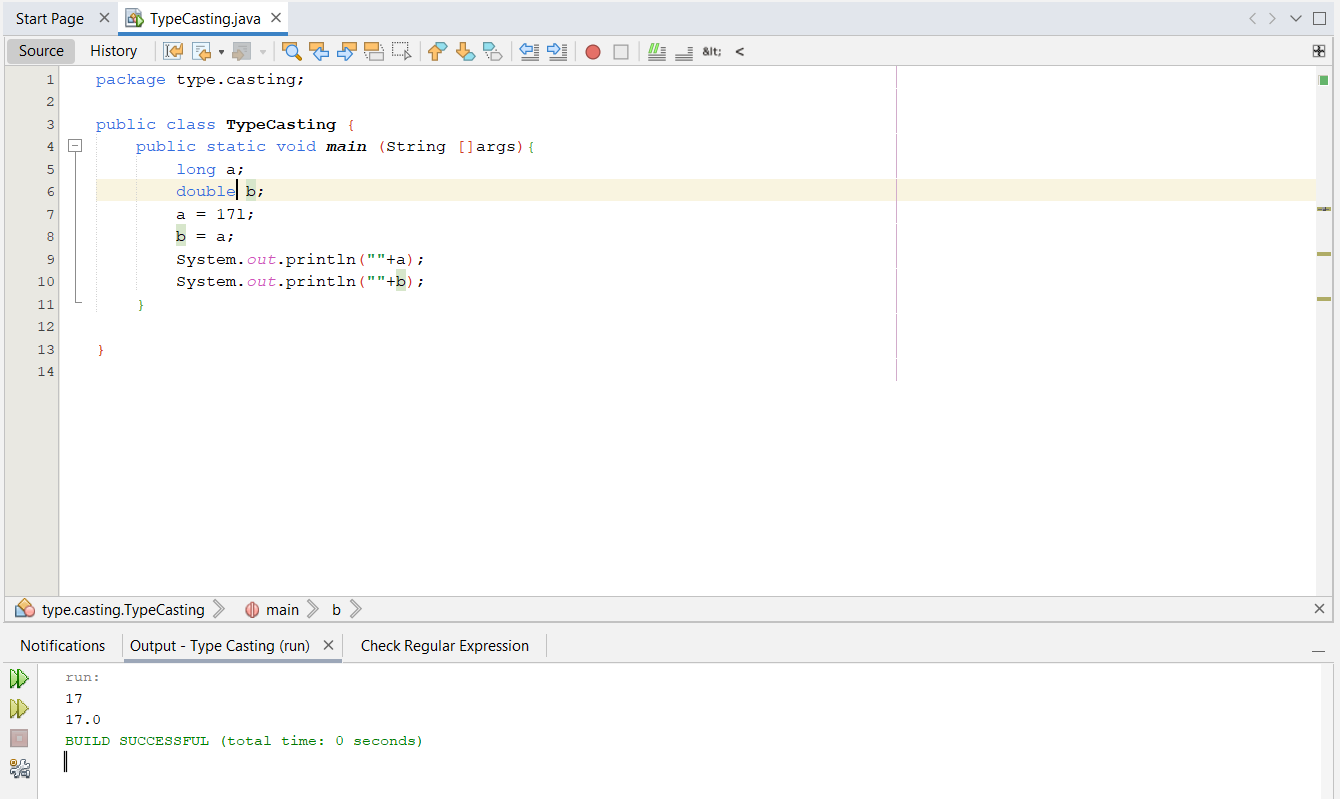
**Typecasting not required**

1. **long to float**

****

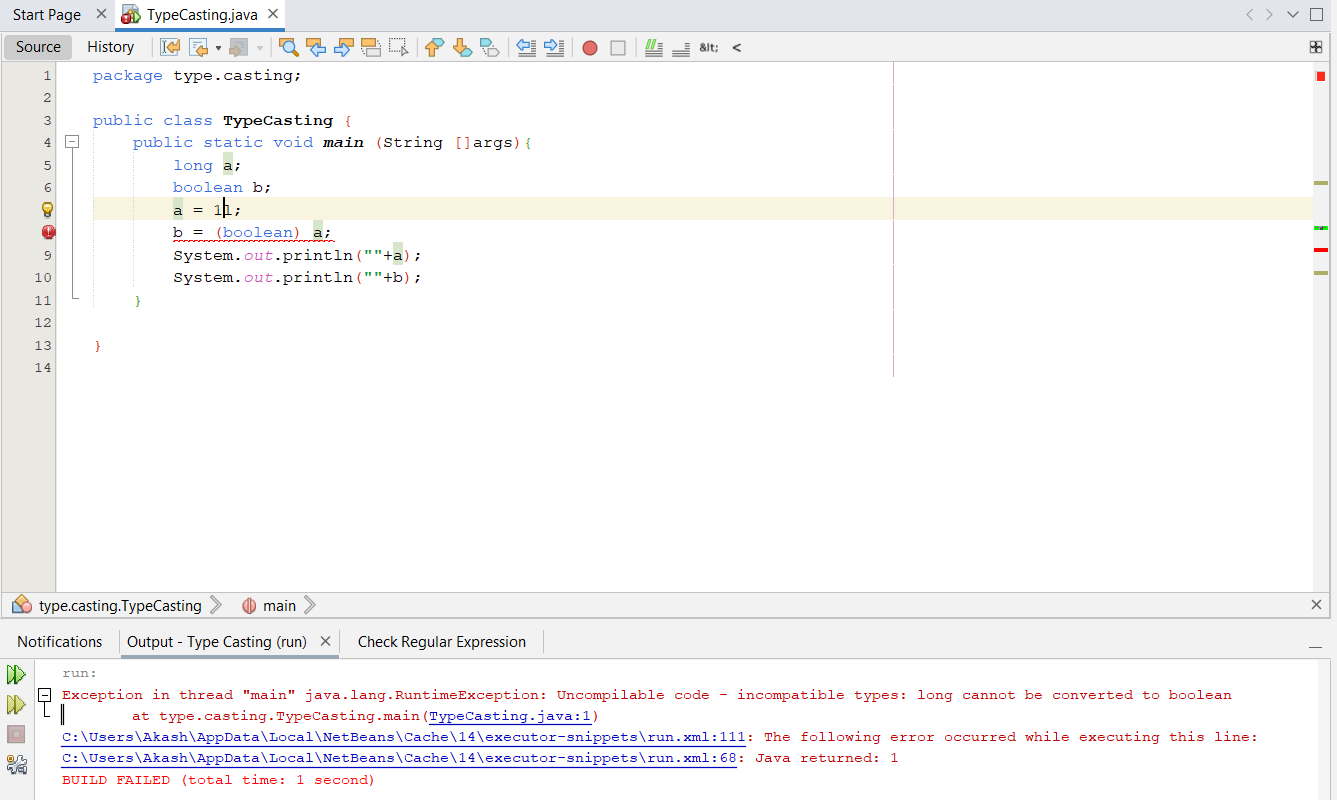
**Implicit typecasting required**

1. **long to double**

****

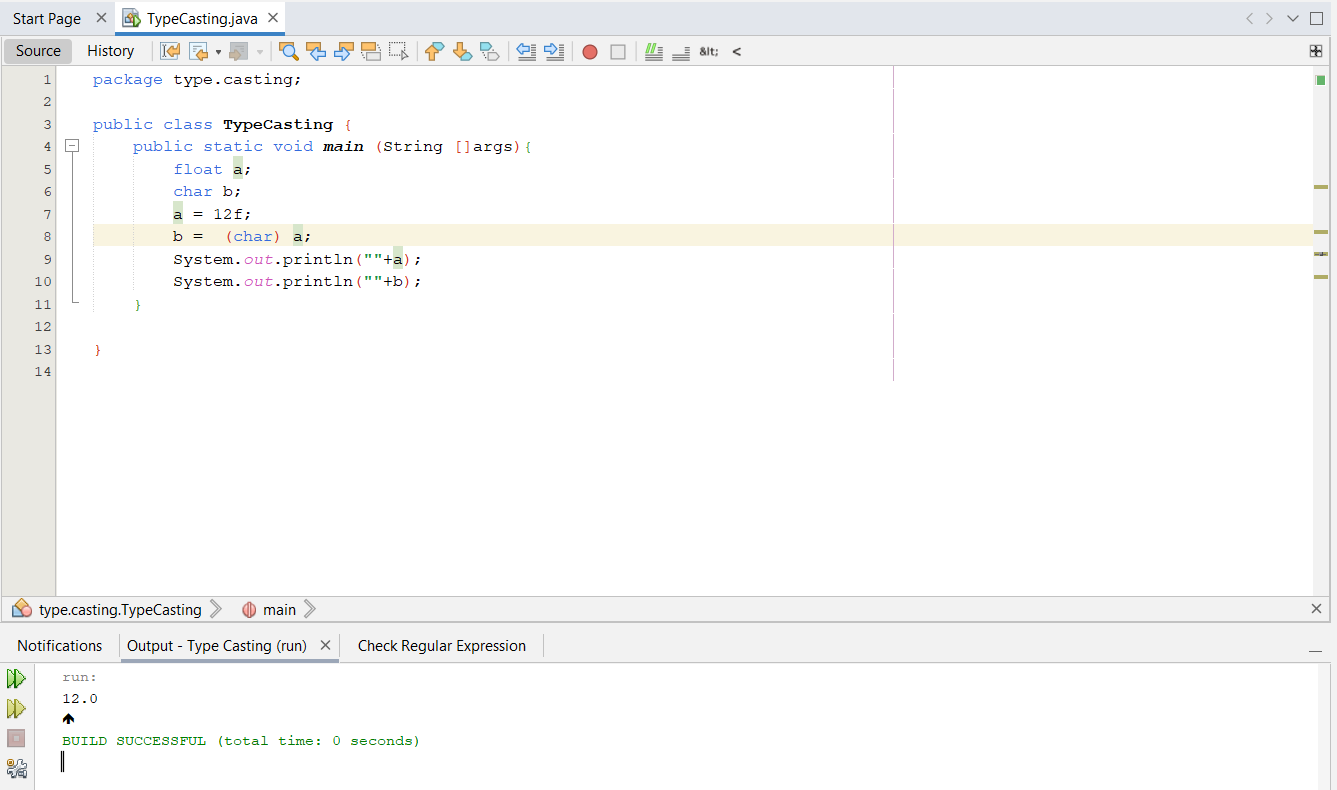
**Implicit typecasting required**

1. **long to boolean**



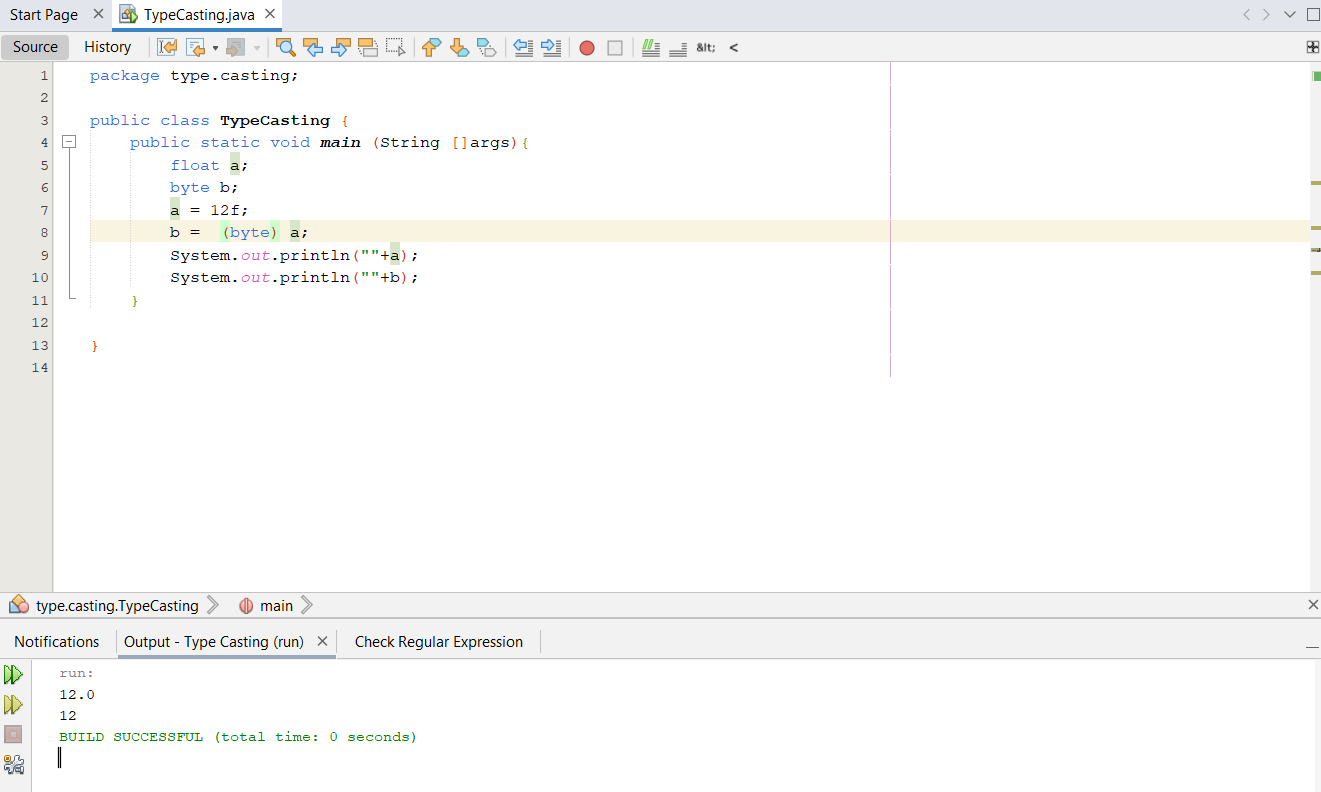
**Typecasting cannot be done**

1. **float to char**

****

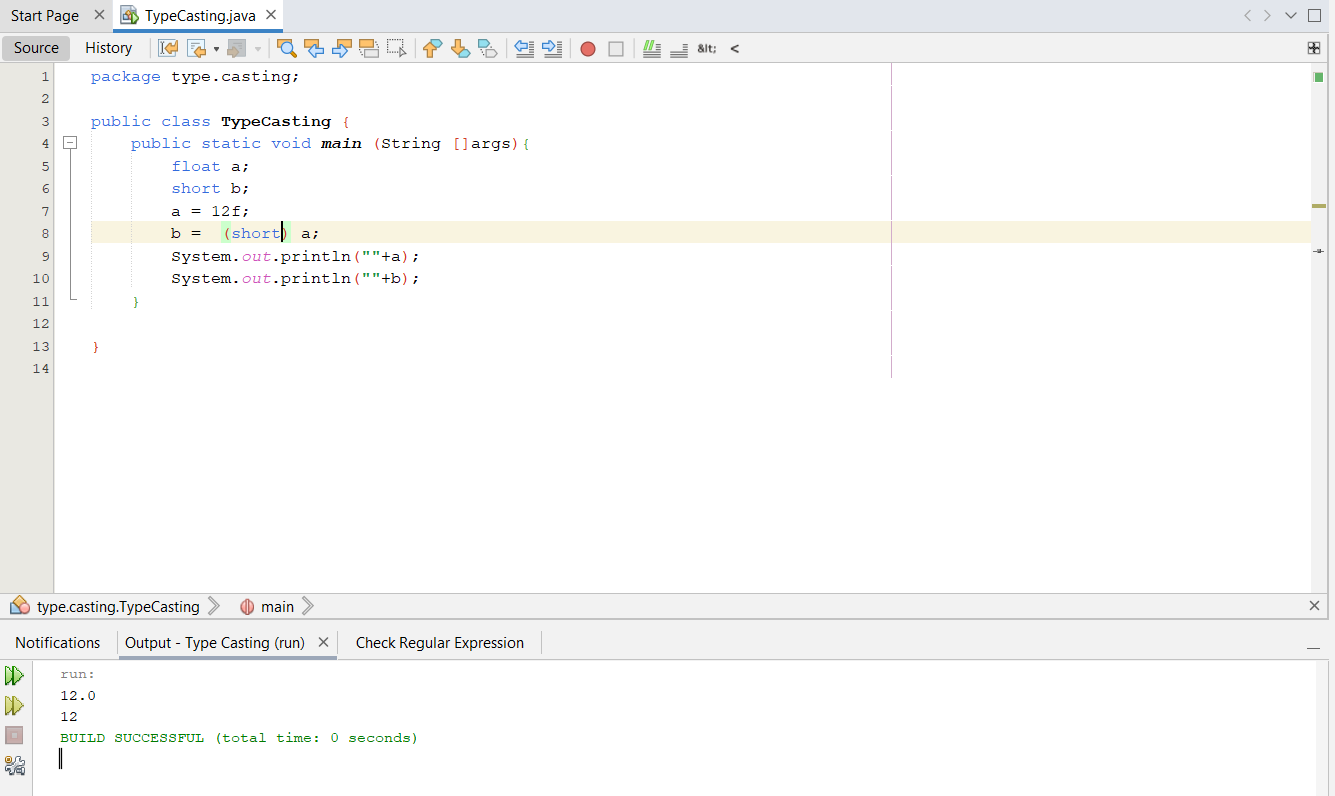
**Explicit typecasting required**

1. **float to byte**

****

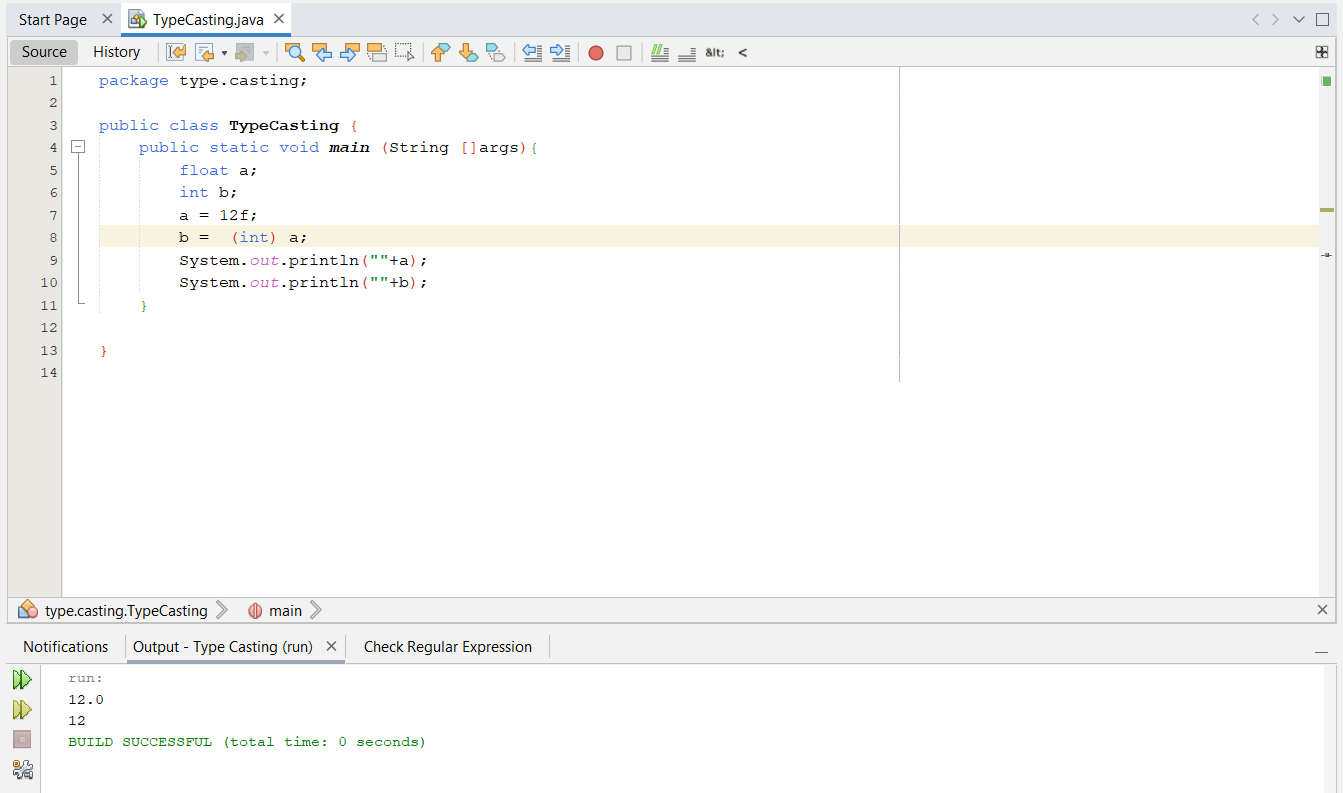
**Explicit typecasting required**

1. **float to short**

****

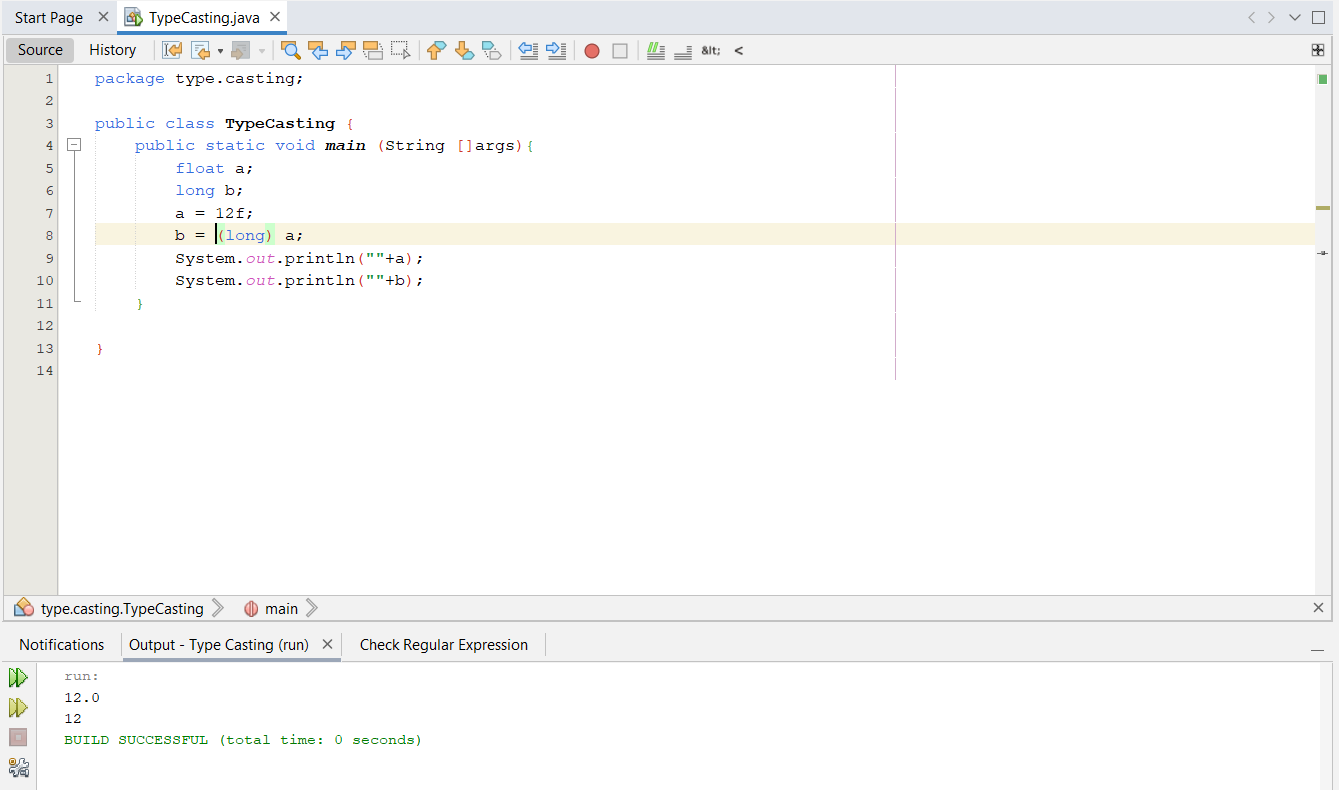
**Explicit typecasting required**

1. **float to int**

****

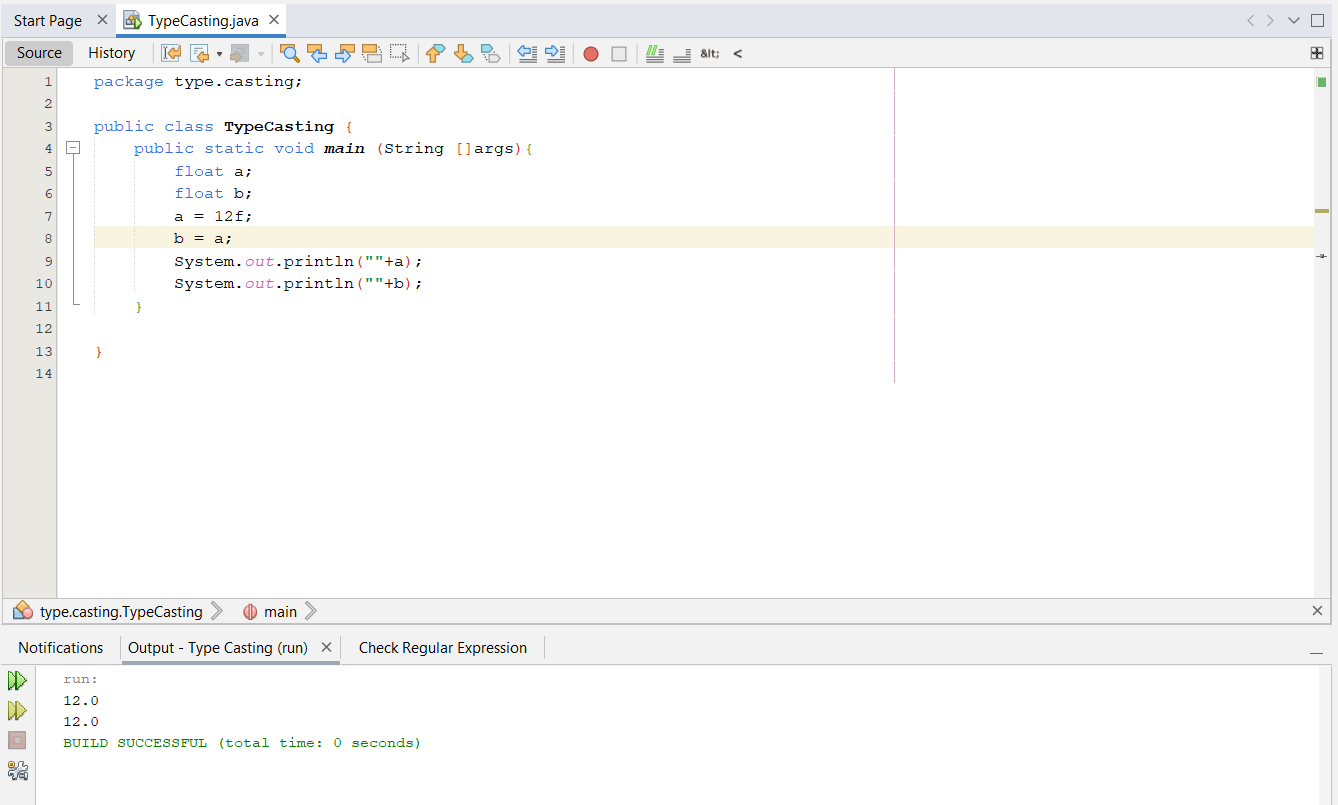
**Explicit typecasting required**

1. **float to long**

****

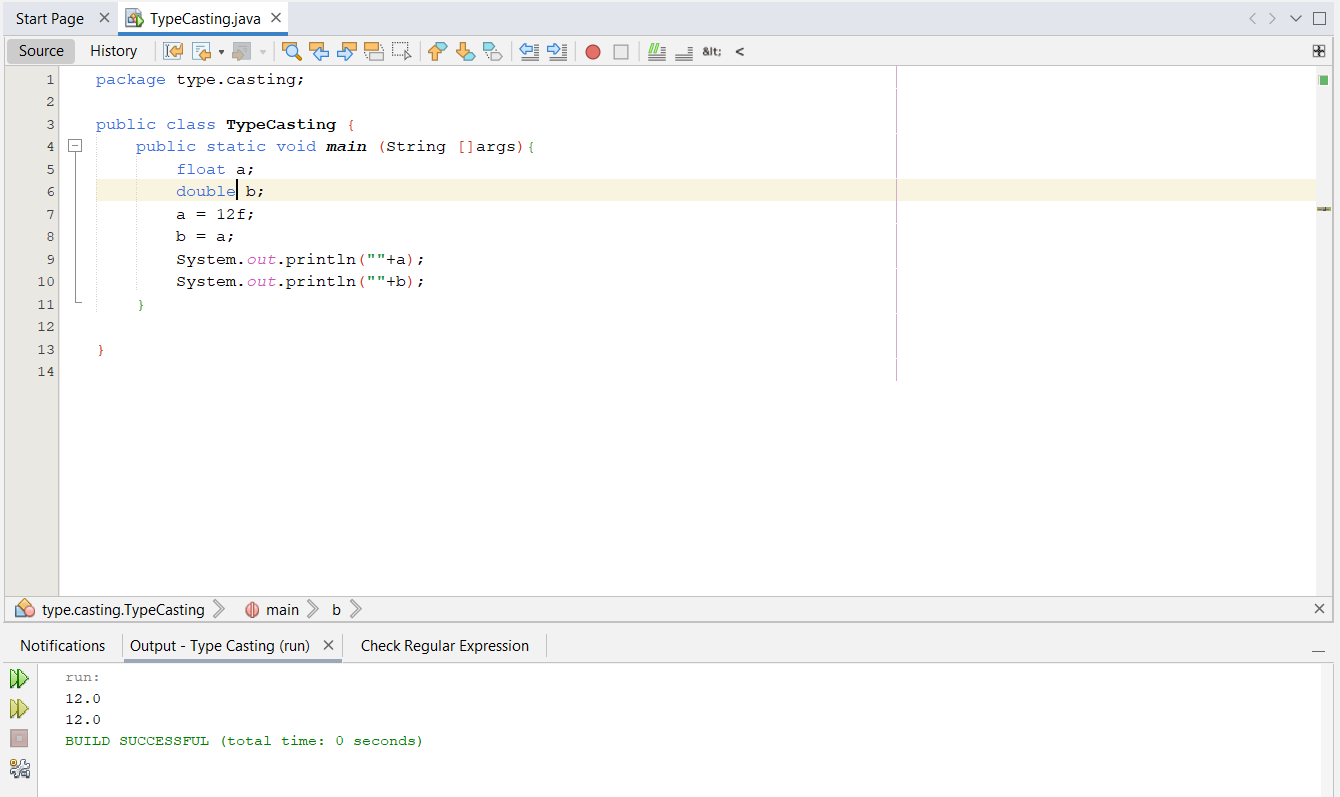
**Explicit typecasting required**

1. **float to float**

****

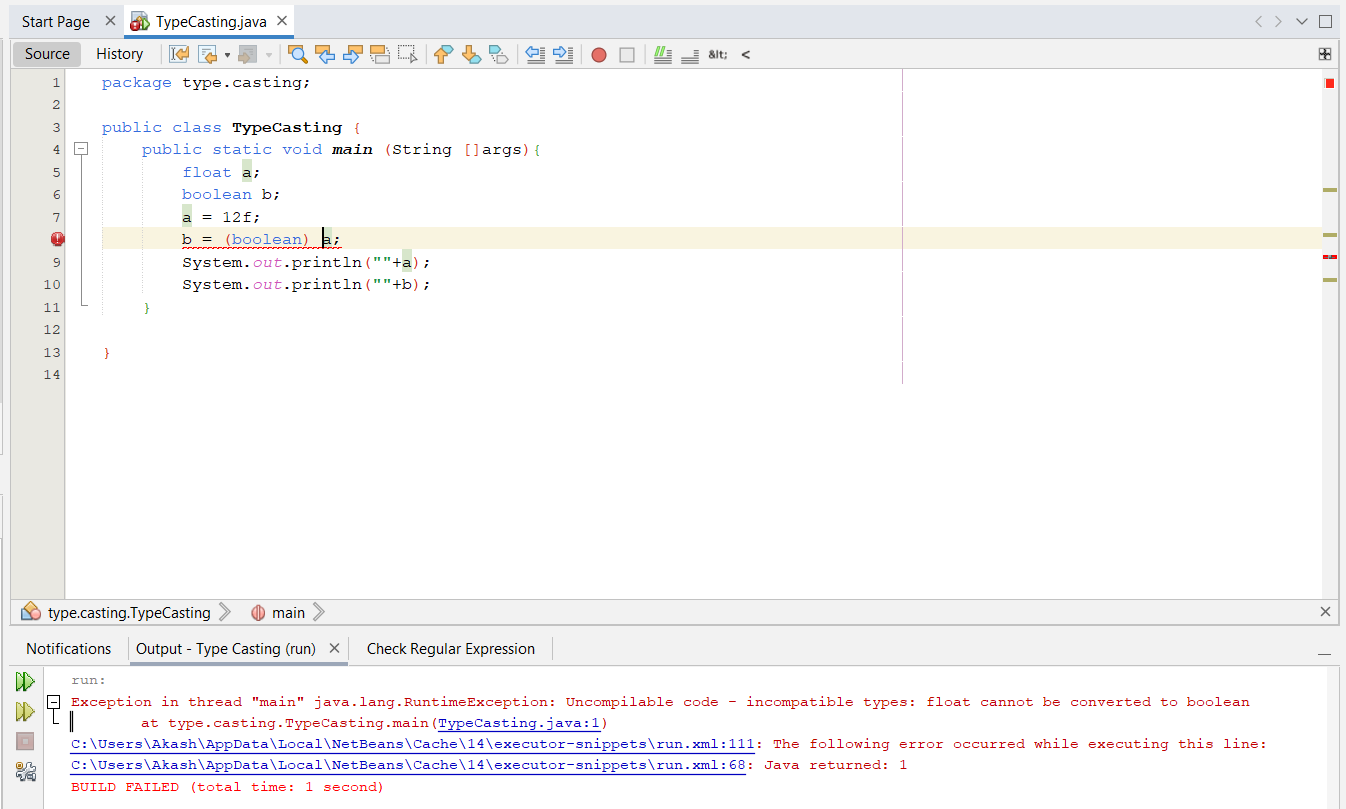
**Implicit typecasting required**

1. **float to double**

****

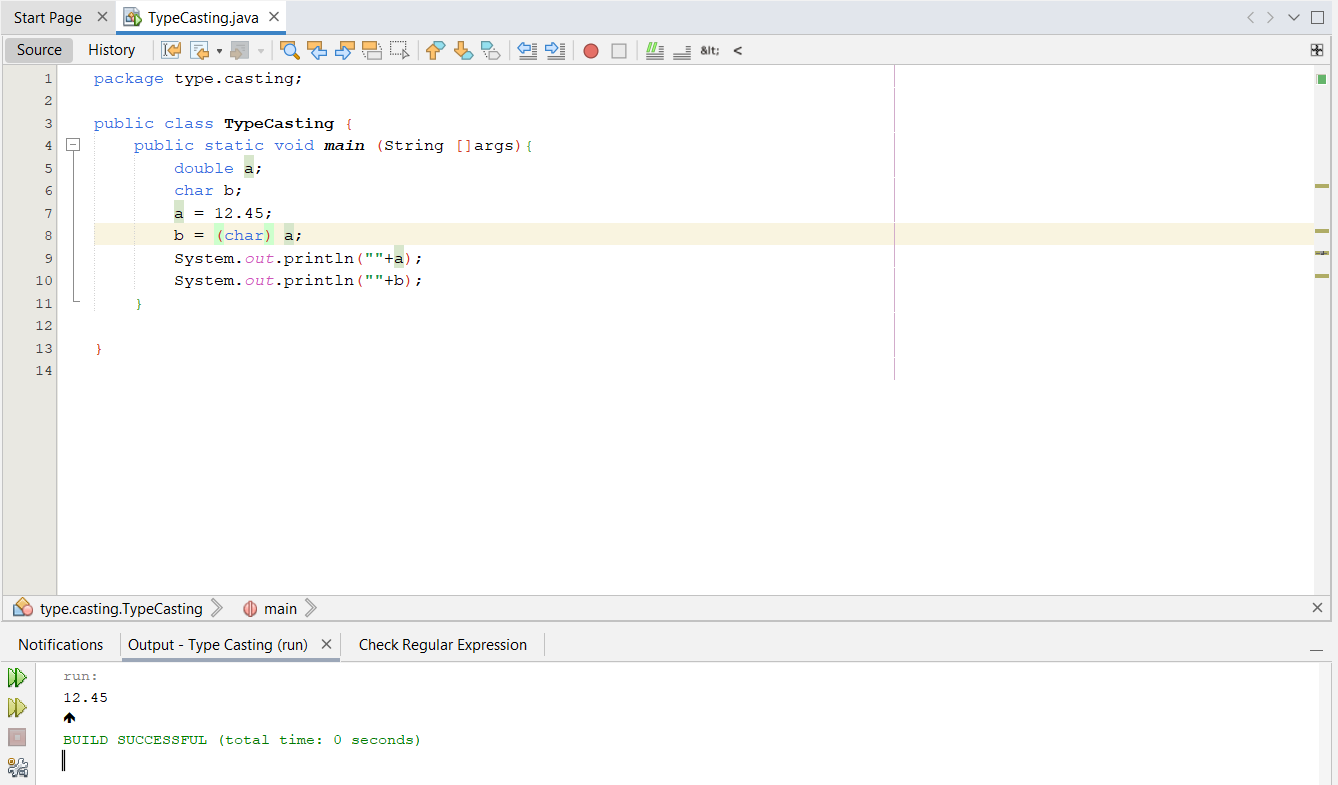
**Implicit typecasting required**

1. **float to boolean**

****

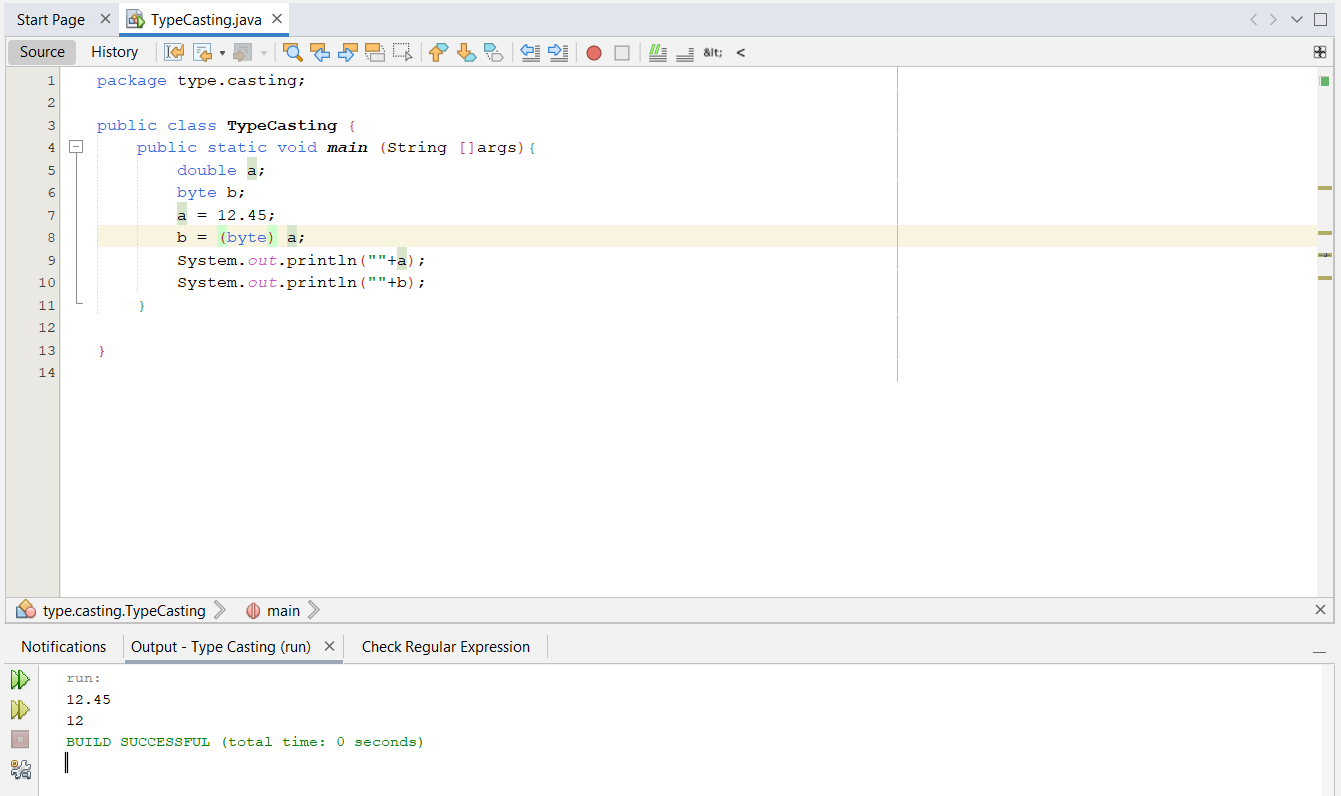
**Typecasting cannot be done**

1. **double to char**

****

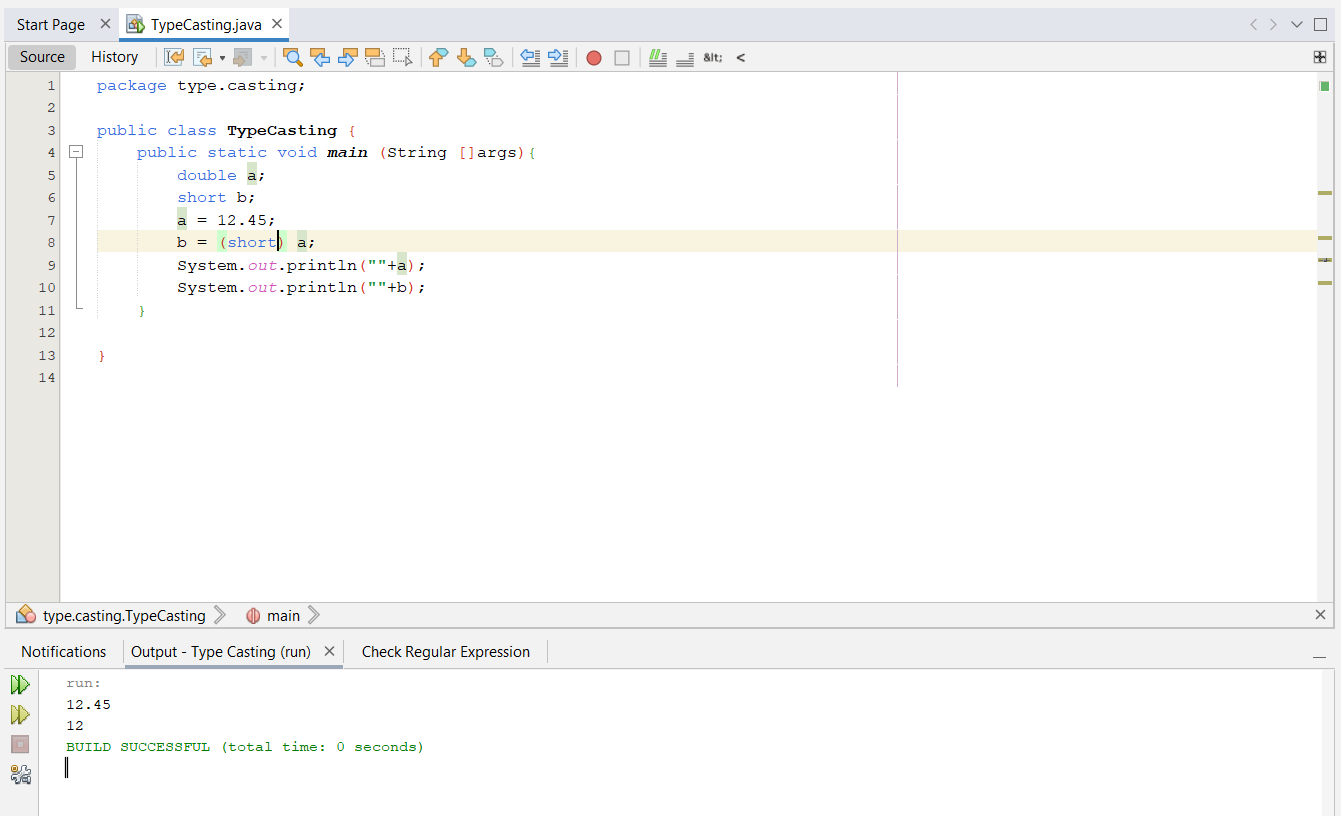
**Explicit typecasting required**

1. **double to byte**

****

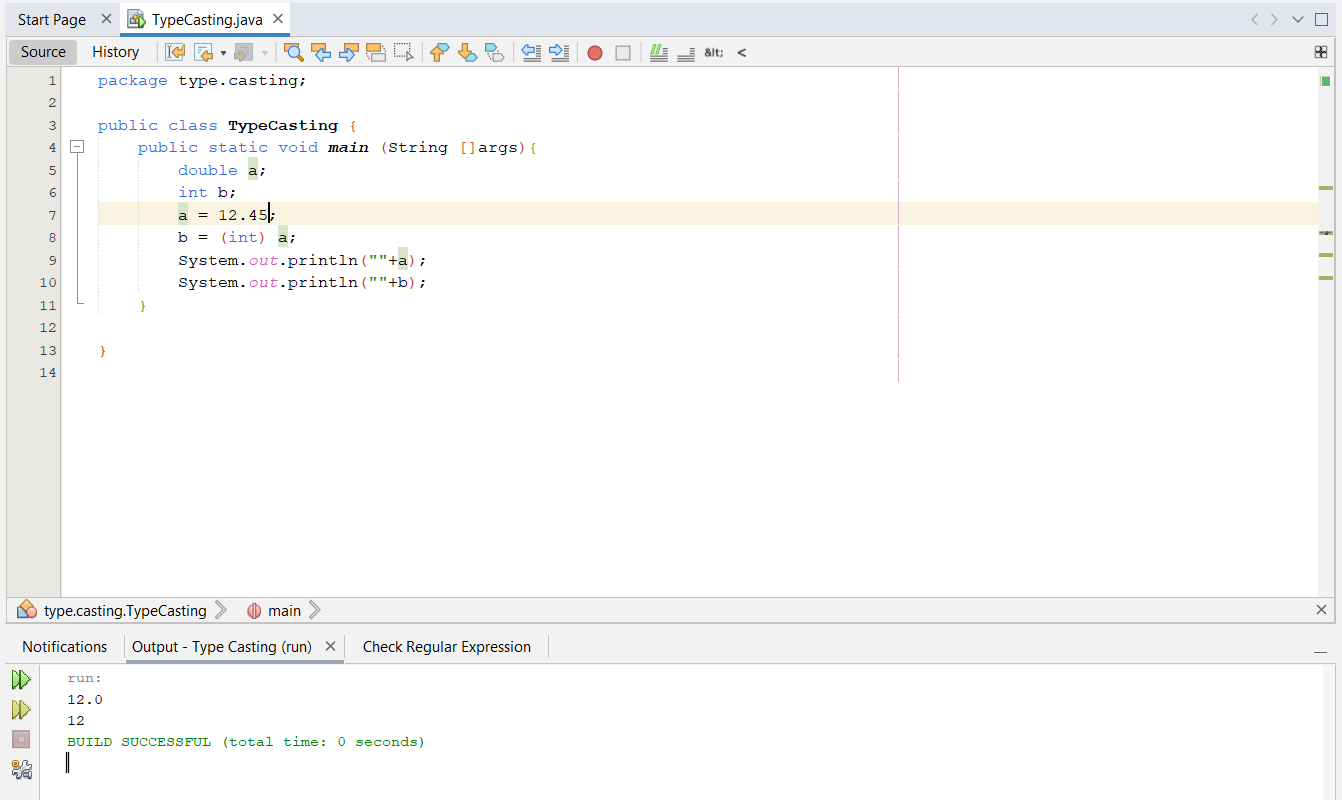
**Explicit typecasting required**

1. **double to short**

****

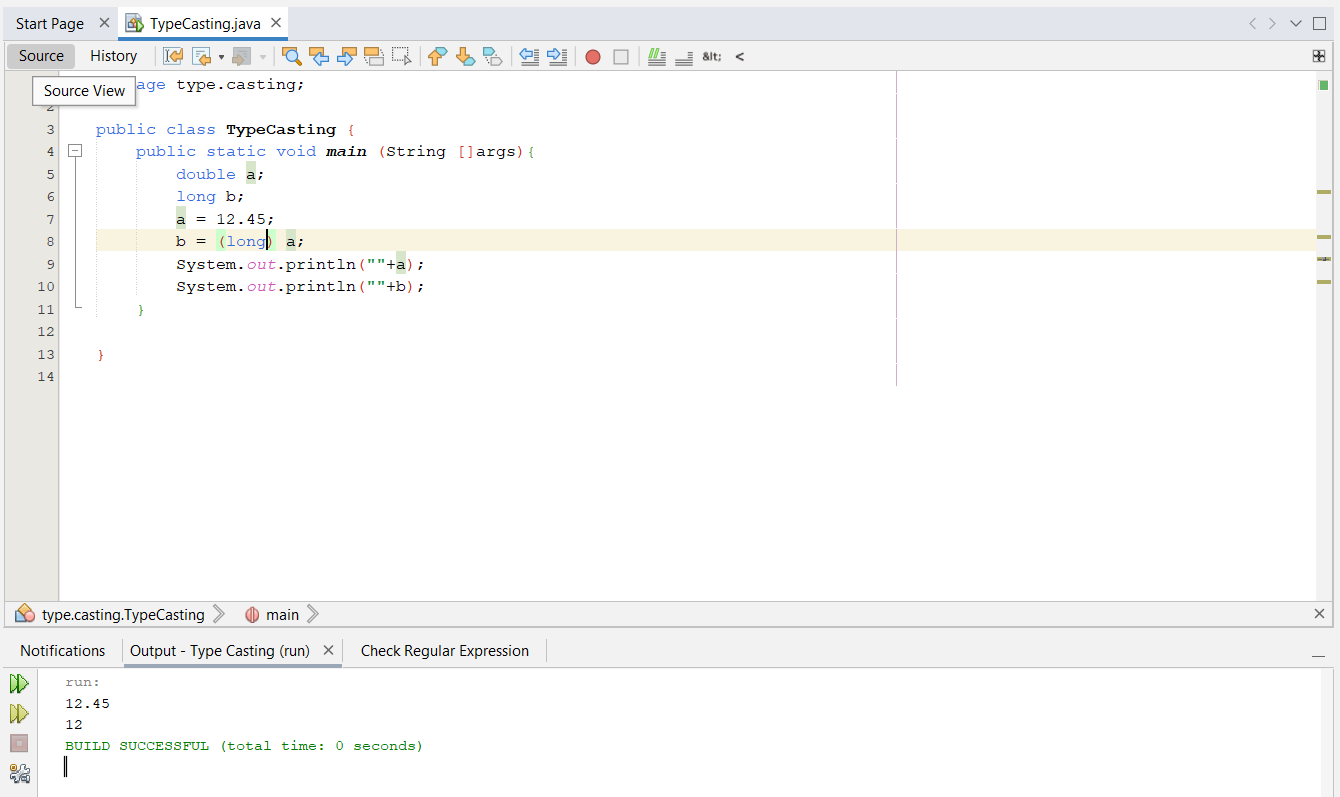
**Explicit typecasting required**

1. **double to int**

****

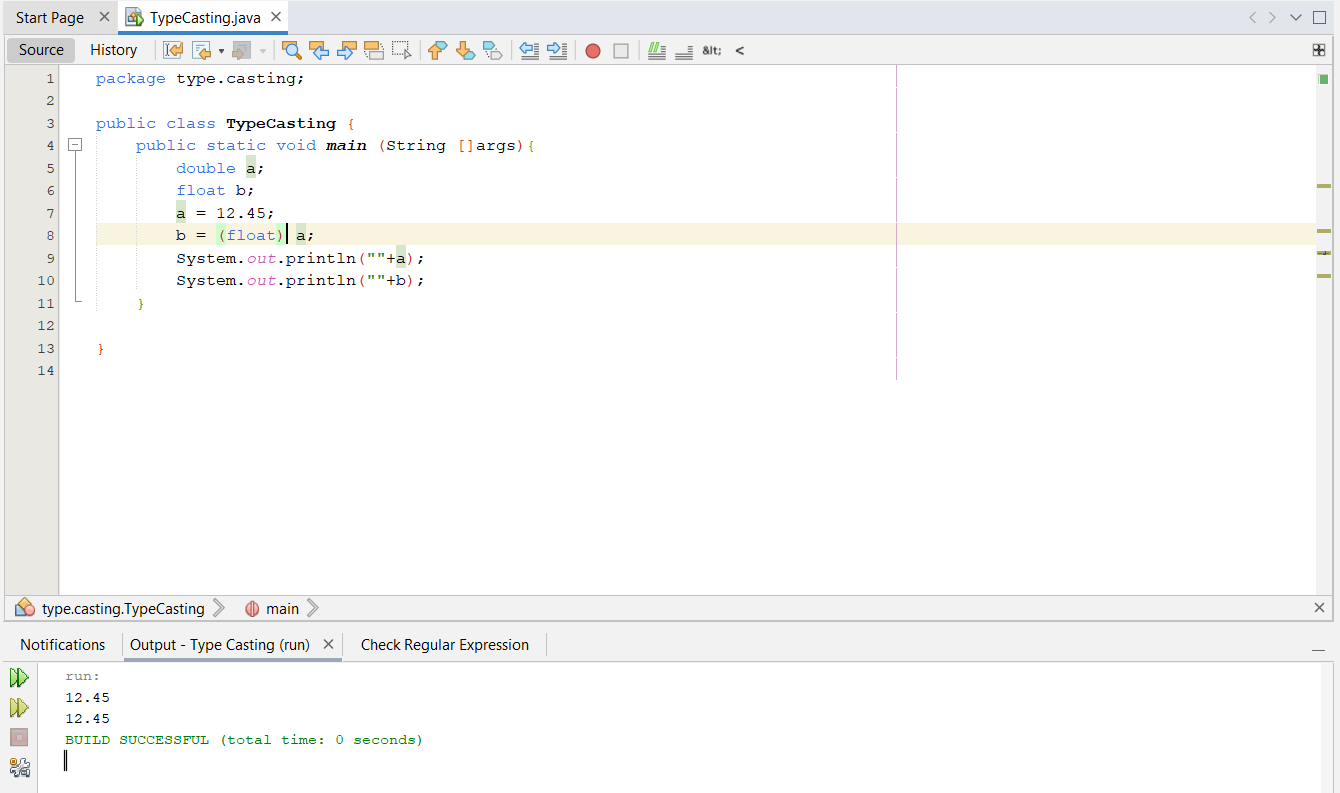
**Explicit typecasting required**

1. **double to long**

****

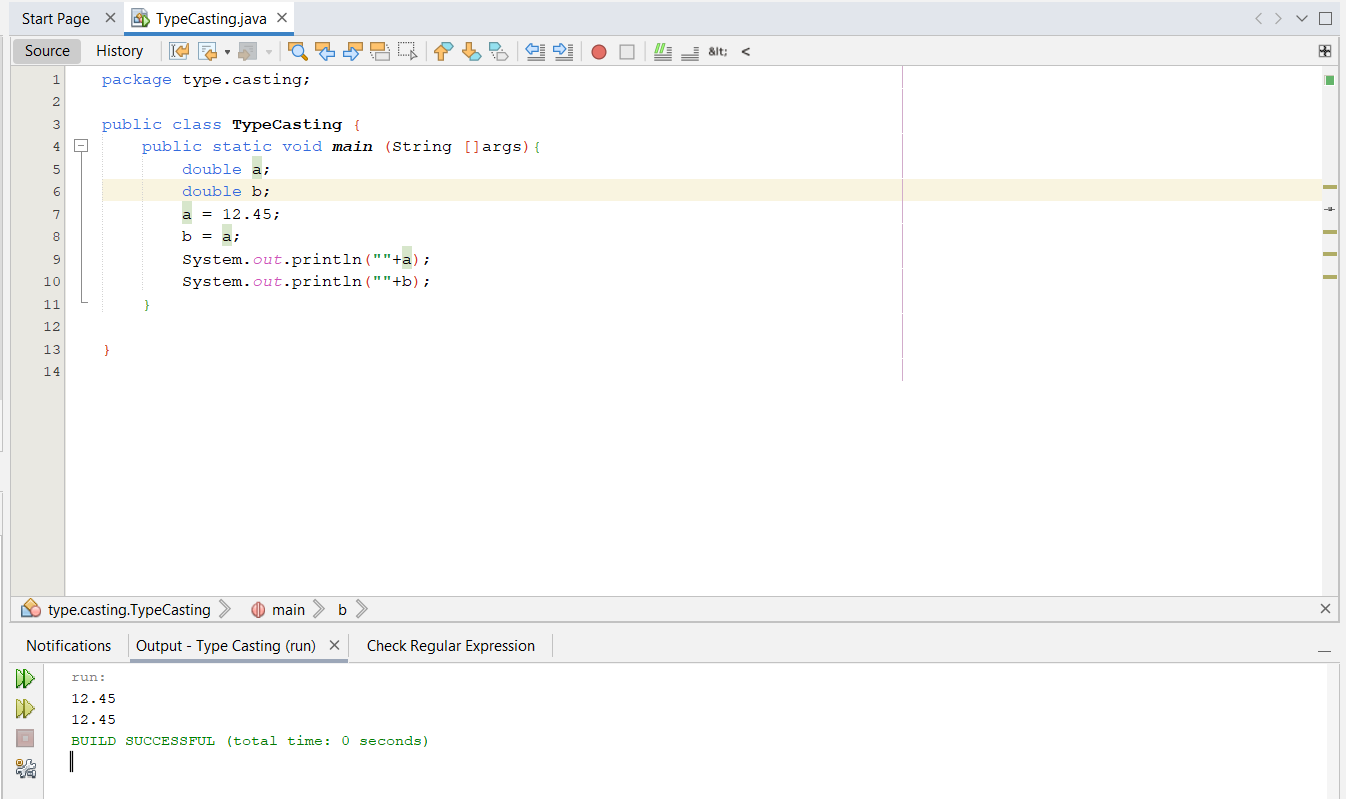
**Explicit typecasting required**

1. **double to float**

****

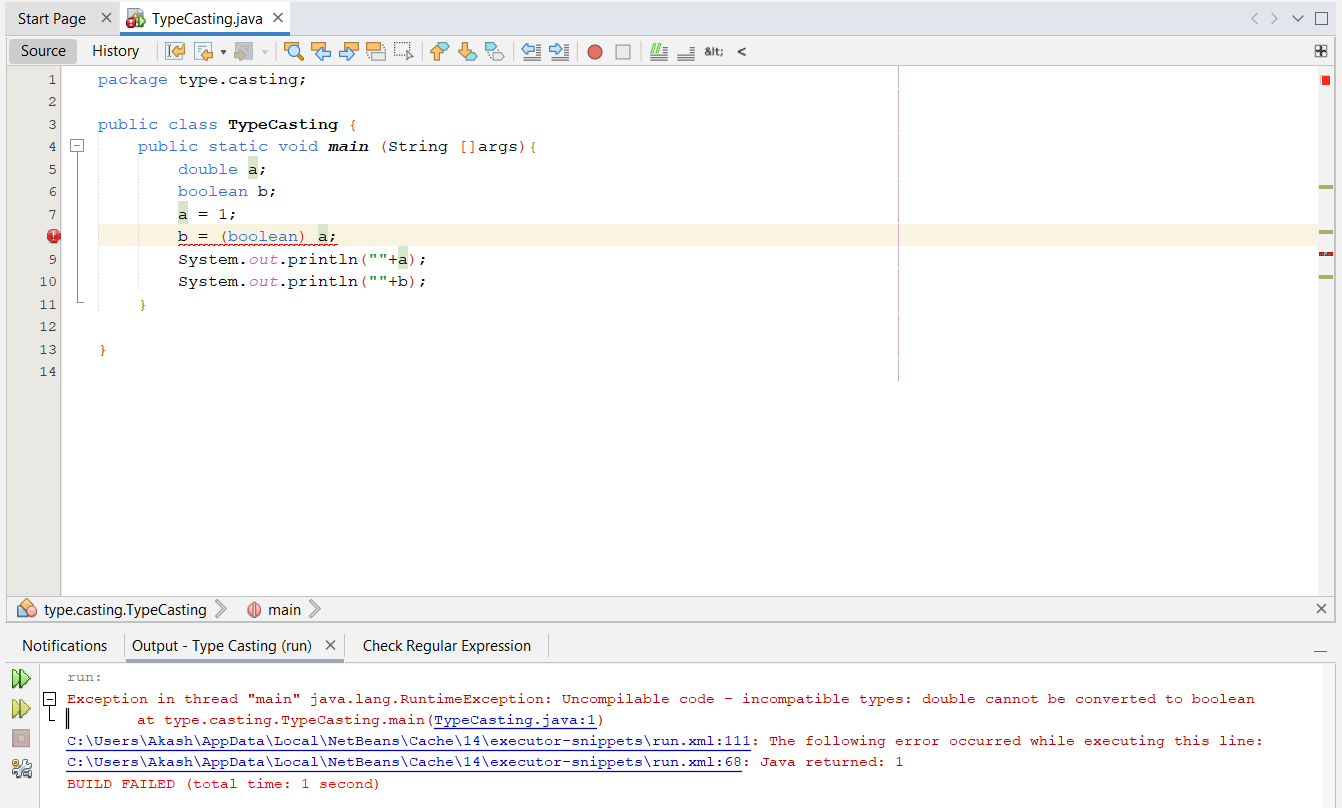
**Explicit typecasting required**

1. **double to double**

****

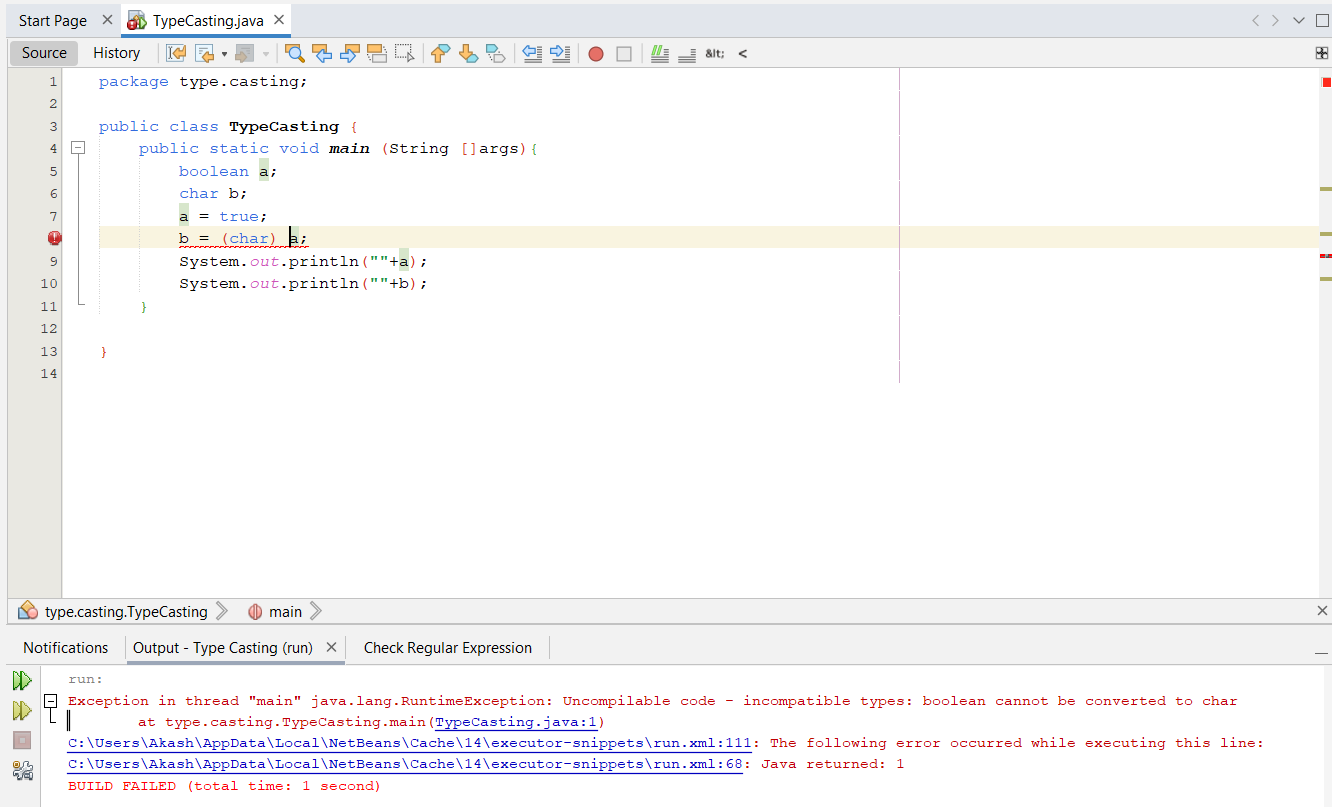
**Typecasting not required**

1. **double to boolean**

****

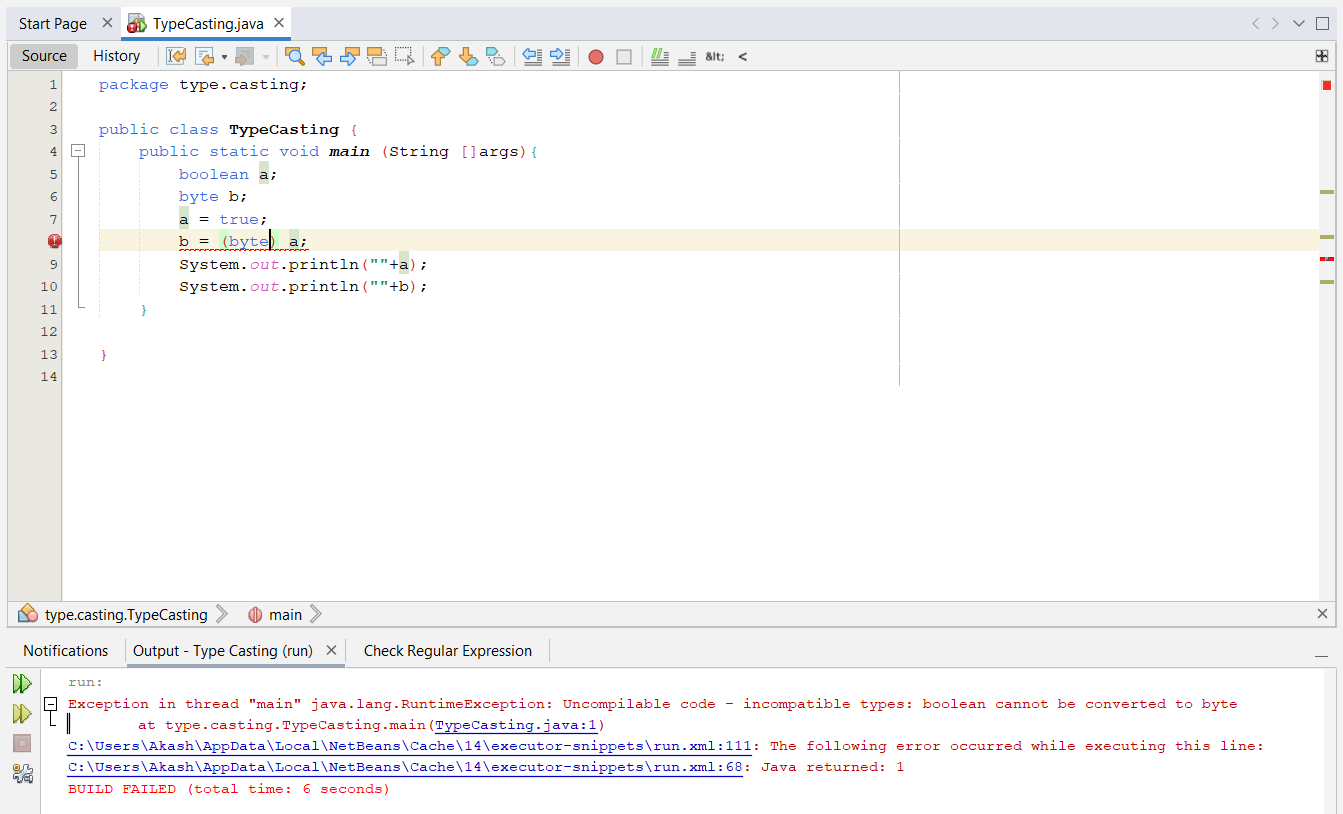
**Typecasting cannot be done**

1. **boolean to char**

****

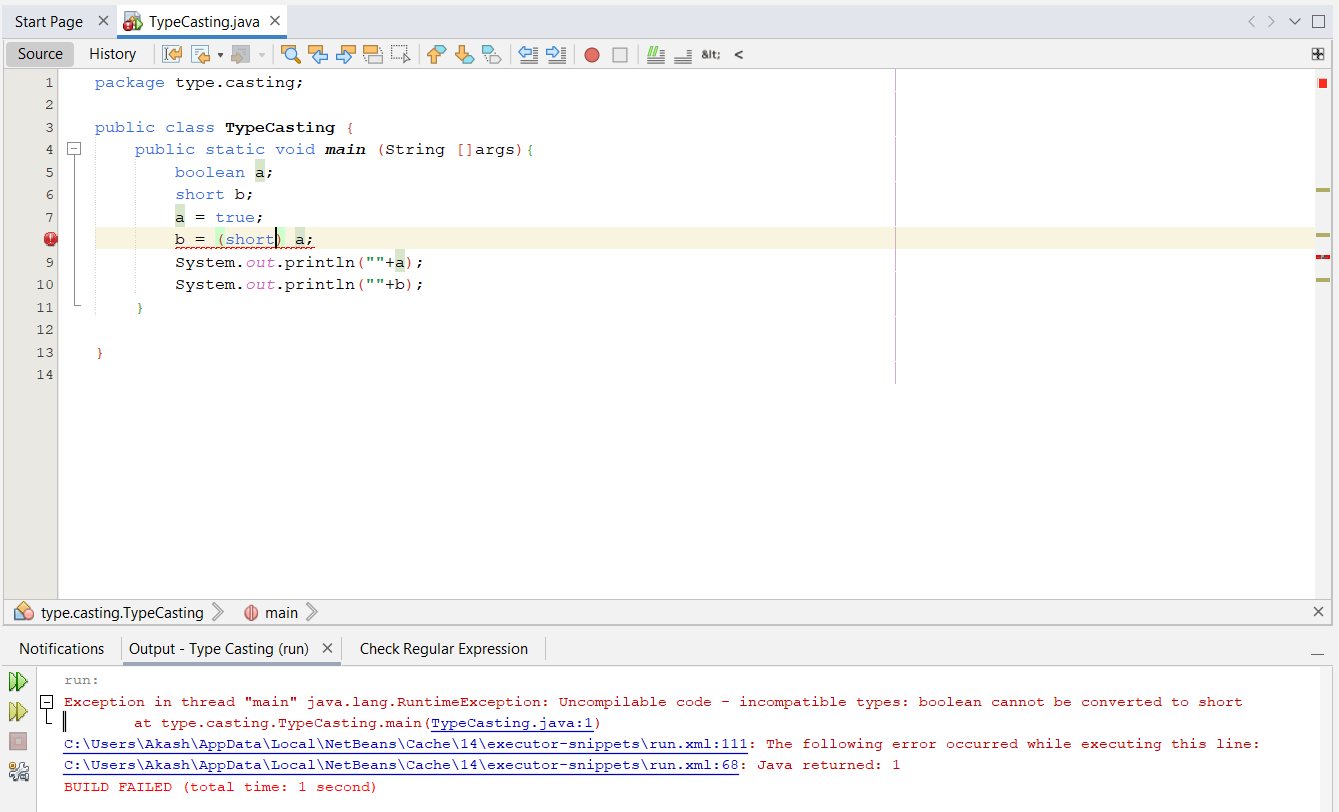
**Typecasting cannot be done**

1. **boolean to byte**

****

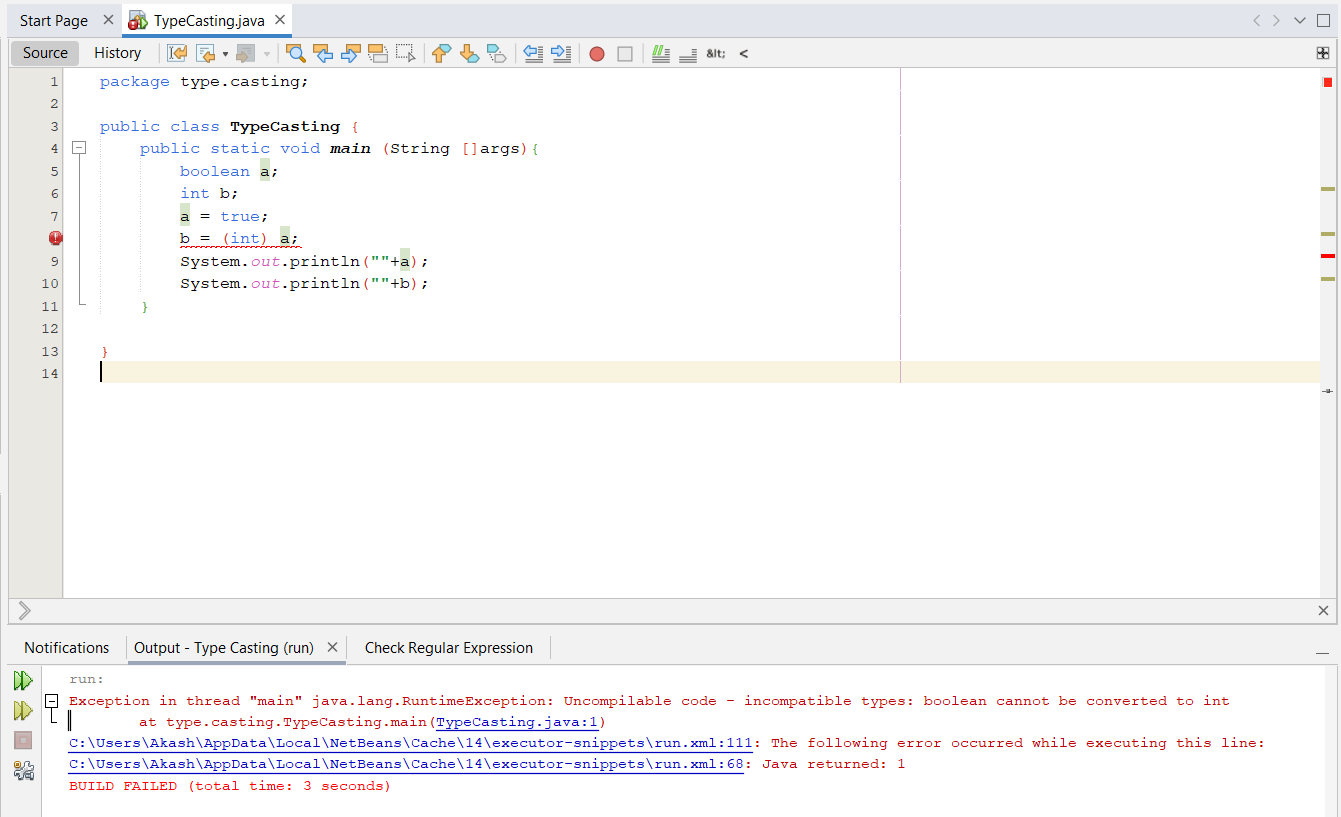
**Typecasting cannot be done**

1. **boolean to short**

****

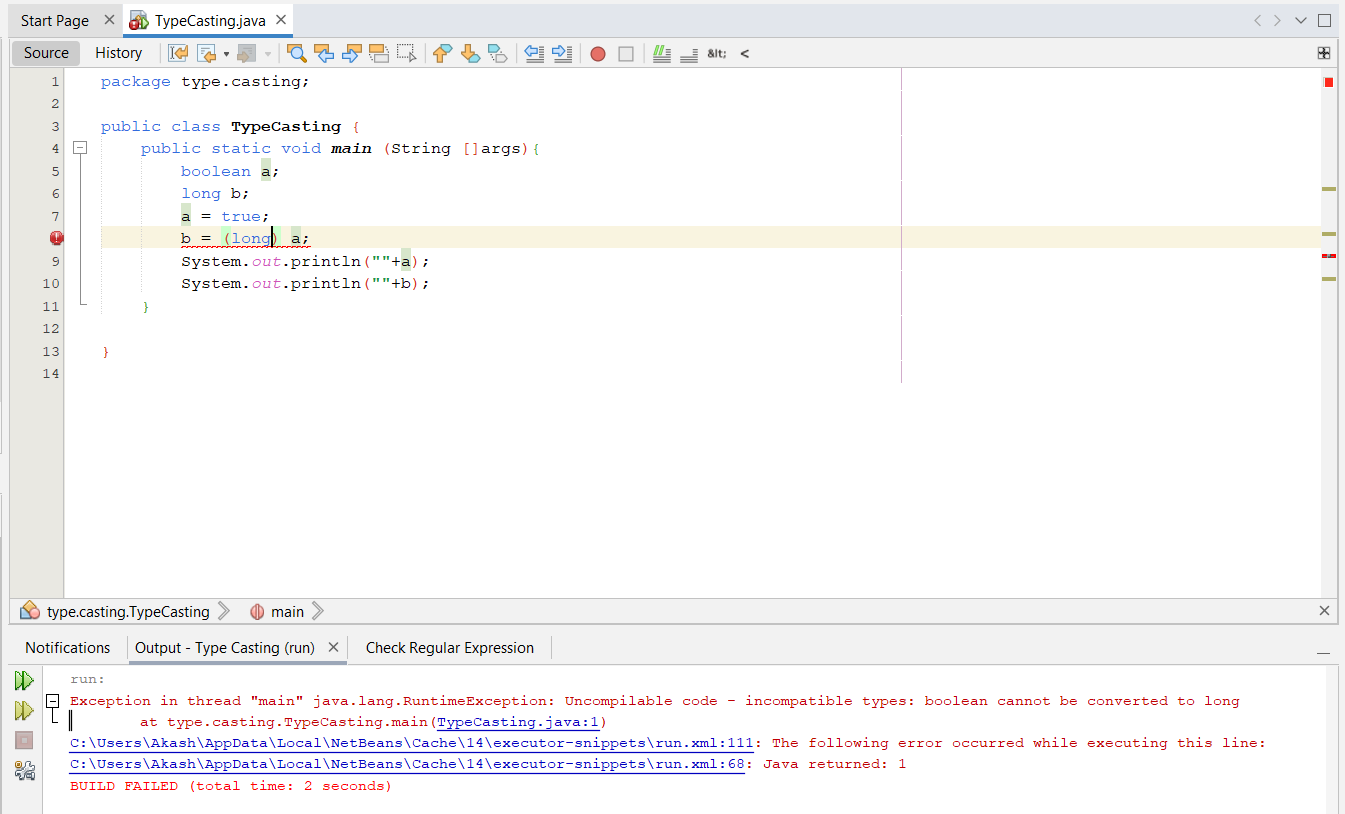
**Typecasting cannot be done**

1. **boolean to int**

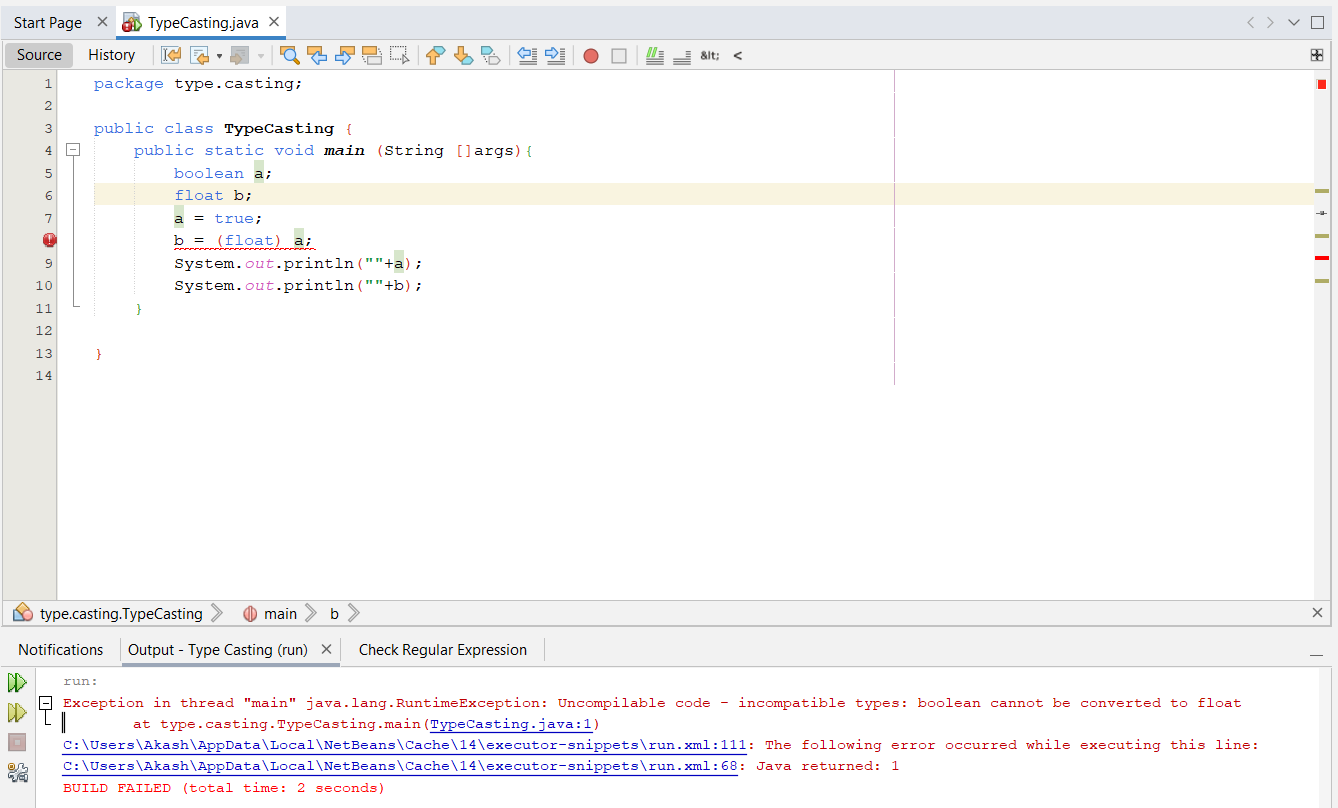
****

**Typecasting cannot be done**

1. **boolean to long**

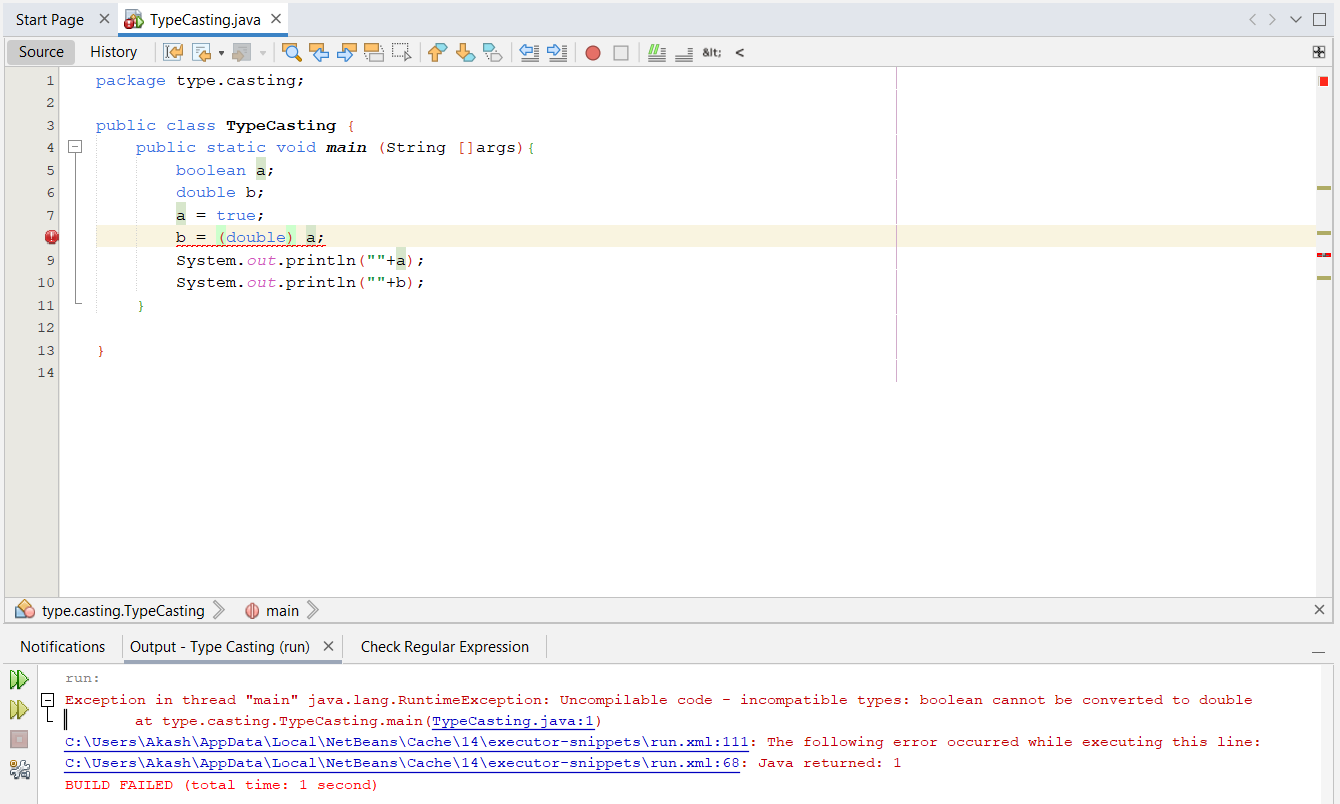
****

**Typecasting cannot be done**

1. **boolean to float  
   **

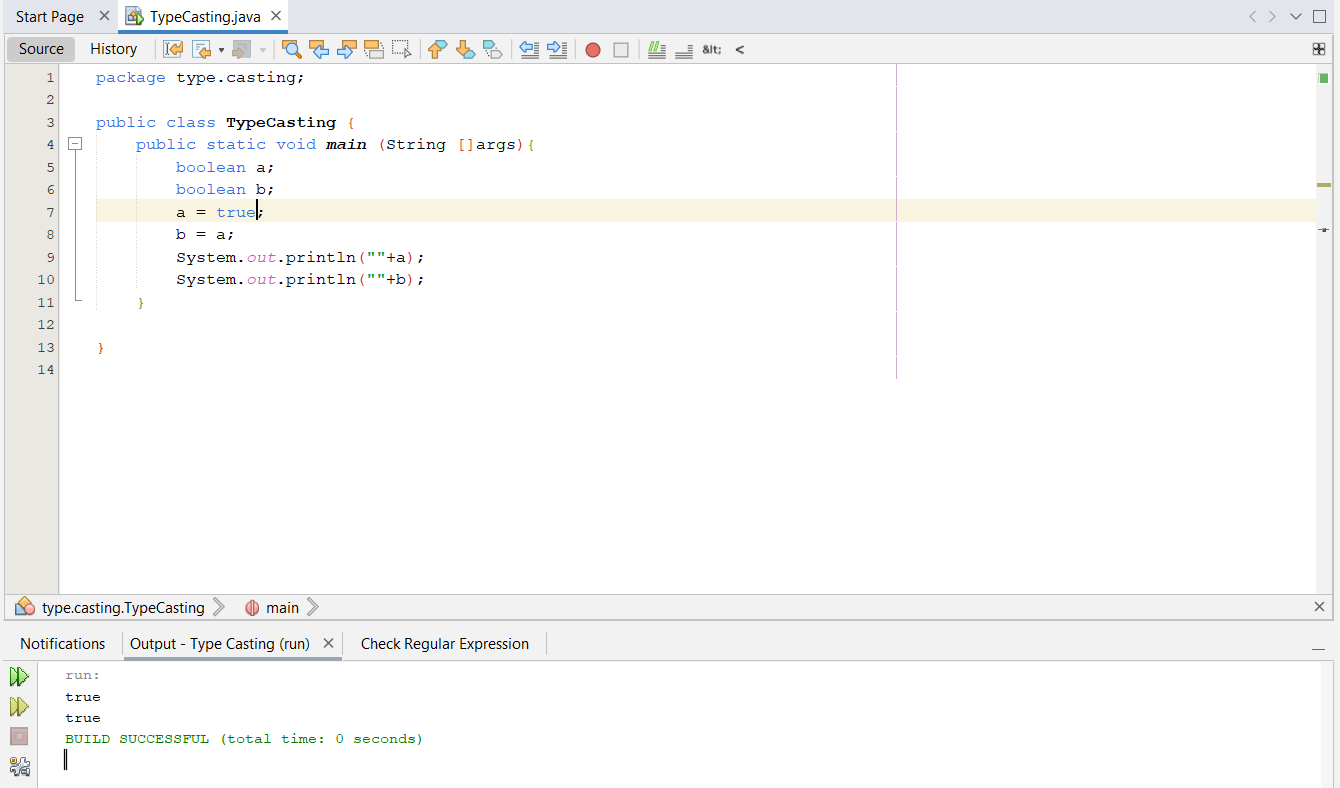
**Typecasting cannot be done**

1. **boolean to double**

****

**Typecasting cannot be done**

1. **boolean to boolean**

****

**Typecasting not required**

**Implicit Typecasting:**

**Explicit Typecasting:**

**Conclusion:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **char** | **byte** | **short** | **int** | **long** | **float** | **double** | **boolean** |
| **char** | **-** | **✓** | **✓** | **✓** | **✓** | **✓** | **✓** | **✕** |
| **byte** | **✓** | **-** | **✓** | **✓** | **✓** | **✓** | **✓** | **✕** |
| **short** | **✓** | **✓** | **-** | **✓** | **✓** | **✓** | **✓** | **✕** |
| **int** | **✓** | **✓** | **✓** | **-** | **✓** | **✓** | **✓** | **✕** |
| **long** | **✓** | **✓** | **✓** | **✓** | **-** | **✓** | **✓** | **✕** |
| **float** | **✓** | **✓** | **✓** | **✓** | **✓** | **-** | **✓** | **✕** |
| **double** | **✓** | **✓** | **✓** | **✓** | **✓** | **✓** | **-** | **✕** |
| **boolean** | **✕** | **✕** | **✕** | **✕** | **✕** | **✕** | **✕** | **-** |

* : Typecasting not required

**✓** : Explicit typecasting required

**✓** : Implicit typecasting required

**✕** : Casting cannot be done