Mohammed Sanih

Computer Science and Engineering

Immediate Joiner and I intend to be a part of an organization where i can constantly learn and develop my technical skills and make best use of it for the growth of the organization.

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MANGALORE, INDIA

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github.com/Mohammed-Sanih

EDUCATION

Bachelor of Engineering(CSE)

Bearys Institute of Technology

08/2019 - 06/2023, CGPA : **7.20**

Courses

- Computer Science and Engineering

Pre University Education

K. Pandyarajah Ballal PU College

05/2017 - 03/2019, Percentage **: 70%**

Courses

- Science(PCMB)

SSLC

Hazrath Seyyid Madani English Medium High School

05/2016 - 04/2017, Percentage: **80.5%**

INTERNSHIP

Web Design and Development

Blueline Computers

08/2022 - 09/2022, Mangalore

Website development company in Mangalore efficiently delivers creative,interactive web solution and digital marketing services

SKILLS

C | Basics of Python | HTML | CSS | Java | Front end Developer | SQL

PROJECTS

Fake Currency Detection Using Machine Learning Algorithm
- Final year Main Project

School Fee Management System
- DBMS Mini Project

Age Calculator
- MAD Mini Project

Rubik's Cube
- Computer Graphics Mini Project

Online Job Portal
- Internship Project

CERTIFICATES

RPA Developer Foundation
- Diploma of Completion

LANGUAGES

English
Full Professional Proficiency

Hindi
Professional Working Proficiency

Kannada
Professional Working Proficiency

Malayalam
Limited Working Proficiency

INTERESTS

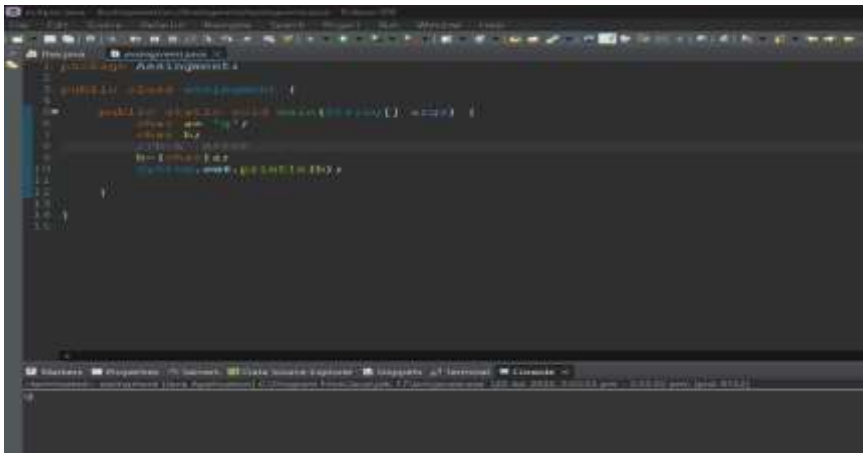
Swimming | Footballer | Traveling

Declaration:

I do hereby declare that the above information is true to the best of my knowledge.

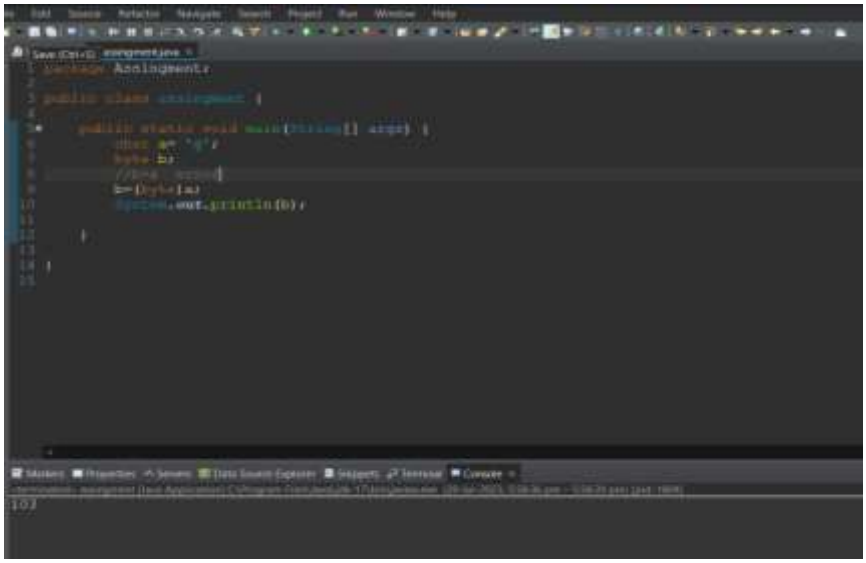
TYPE CASTING

1]Converting the Data of char data type to char data type:



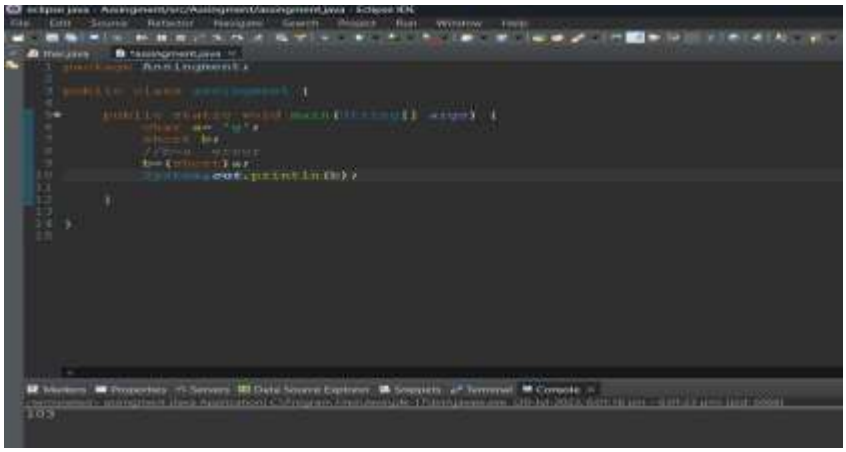
In this Java code, the program creates two character variables a and b. The variable a is assigned the value 'g'. Then, b is declared but not assigned a value

2] Converting the Data of char data type to byte data type:



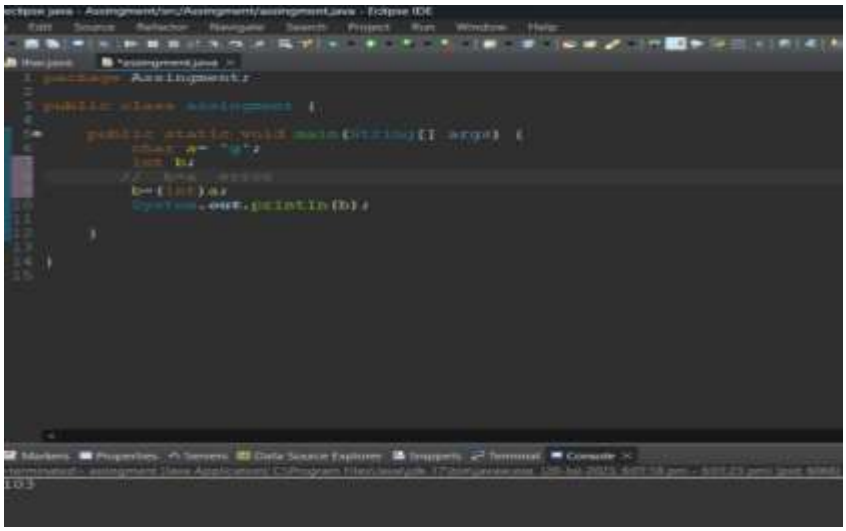
In this Java code, the program creates a character variable a and assigns it the value 'g'. It also declares a byte variable b without initializing it.

3] Converting the Data of char data type to short data type:



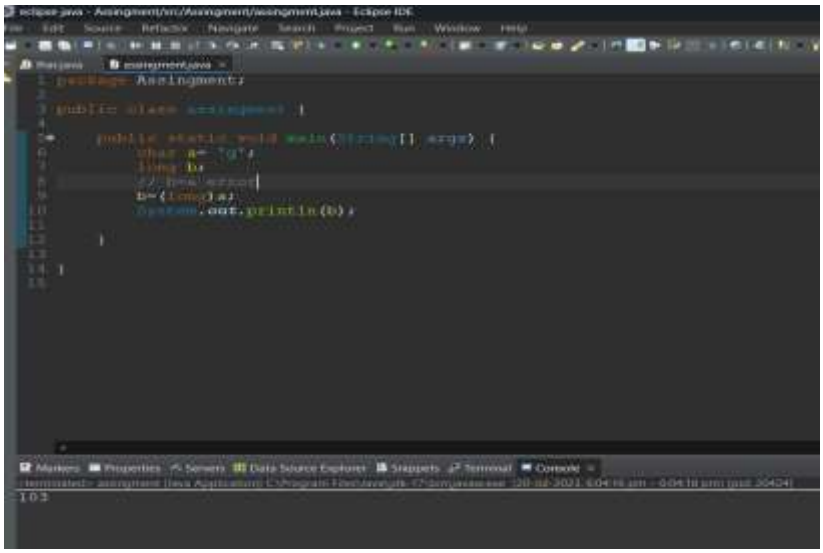
This Java code declares a character variable a and assigns it the value 'g'. It also declares a short integer variable b. The code then tries to copy the value of a to b using explicit type casting from char to short. Finally, it prints the value of b to the console

4] Converting the Data of char data type to int data type:



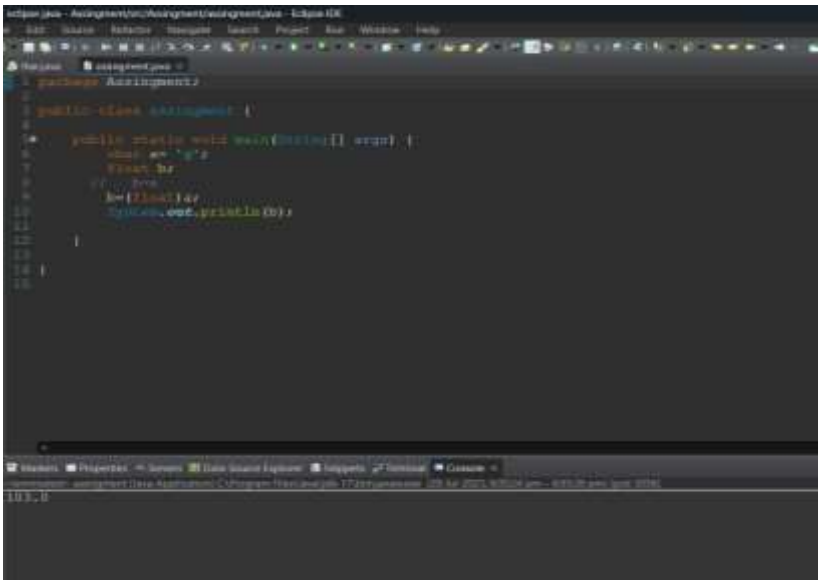
Next, the program tries to copy the ASCII value of the character `a` (which is `'g'`) to the integer variable `b` using explicit type casting. Since `char` and `int` are compatible data types, the explicit casting is not necessary but doesn't cause any errors.

5] Converting the Data of char data type to long data type:

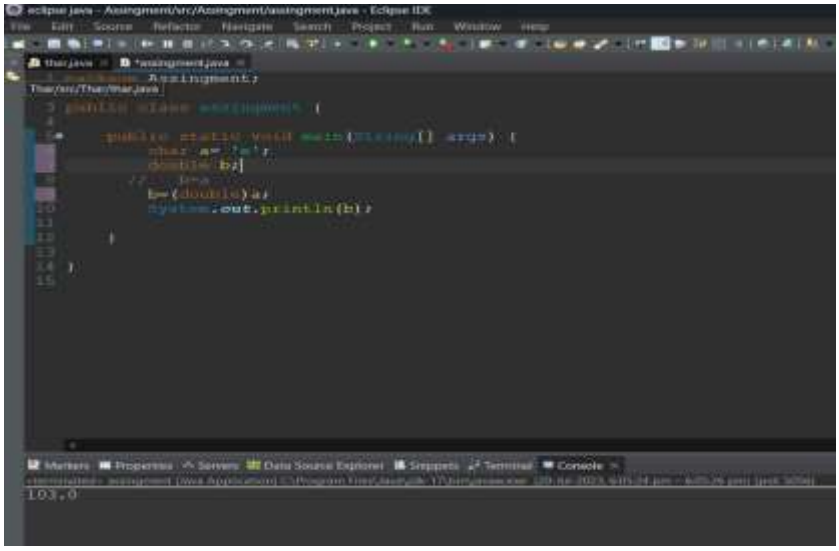


The line b = (long) a; attempts to copy the value of a to b using explicit type casting from char to long. This type casting is required because char and long are different data types.

6] Converting the Data of char data type to float data type:

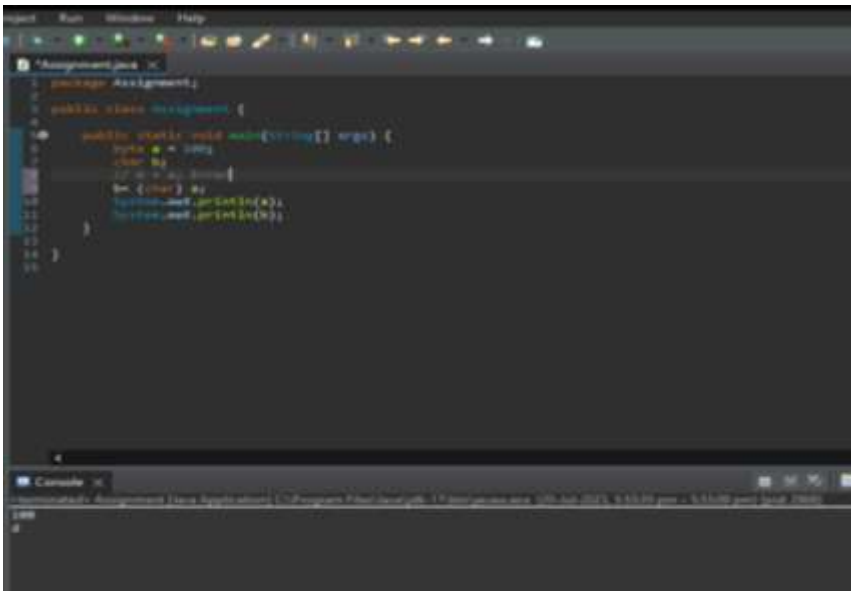


7] Converting the Data of char data type to double data type:



Widening (Implicit) Casting.

8] Converting the Data of byte data type to char data type



It is Explicit Type casting

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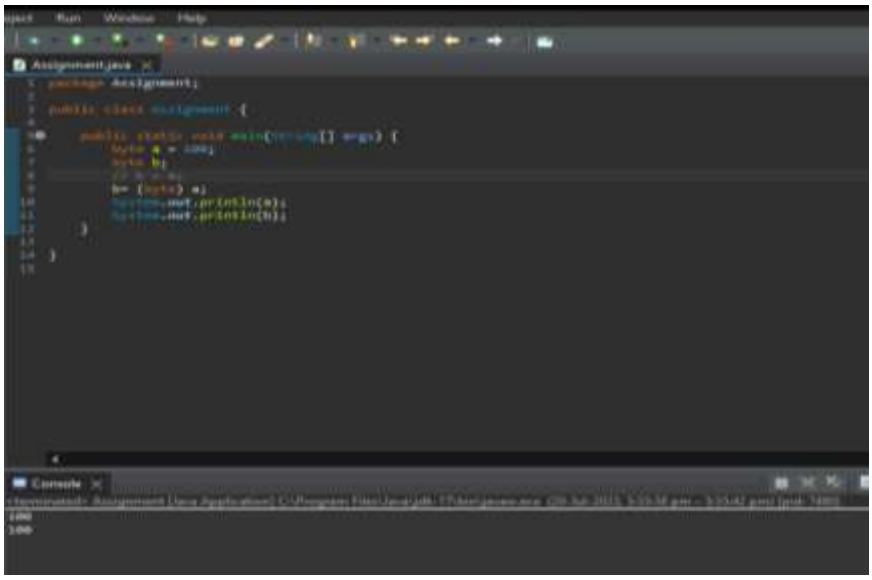
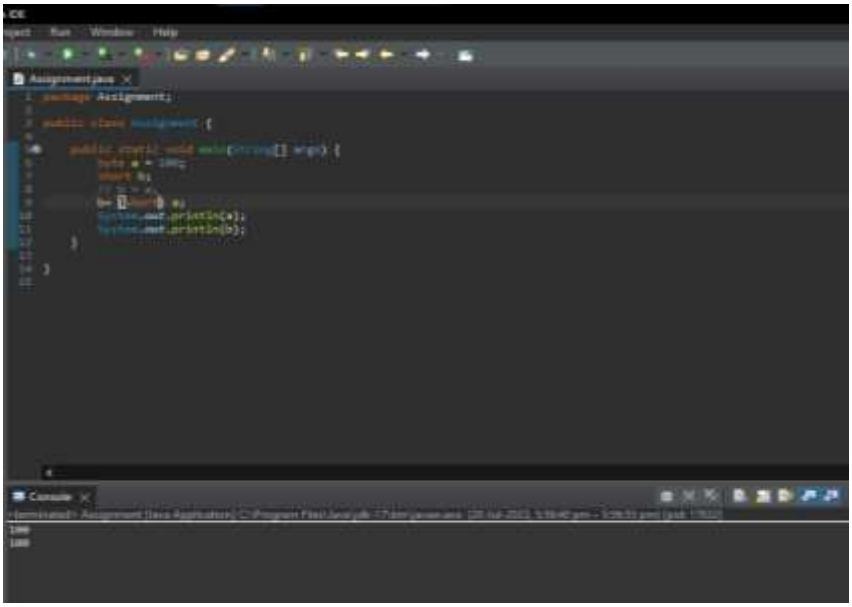
9] Converting the Data of byte data type to byte data type:



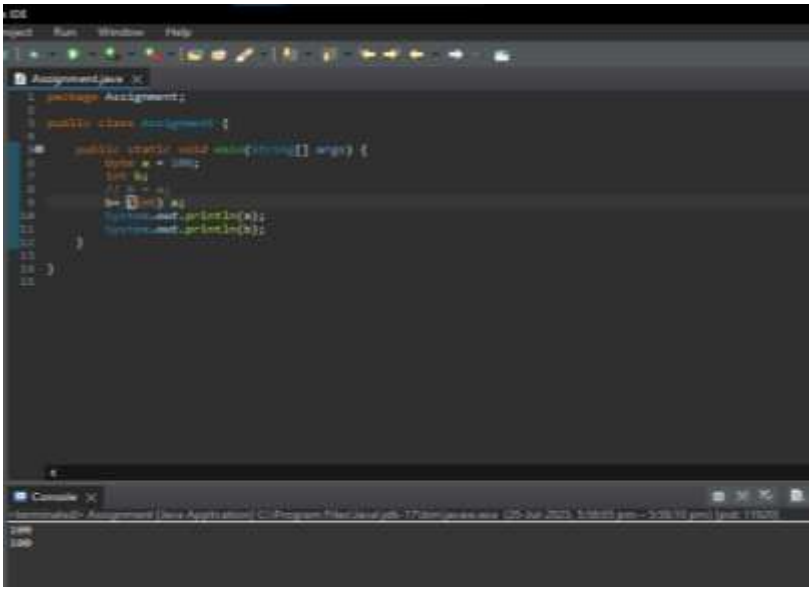
It is Explicit Type casting

10] Converting the Data of byte data type to short data type:



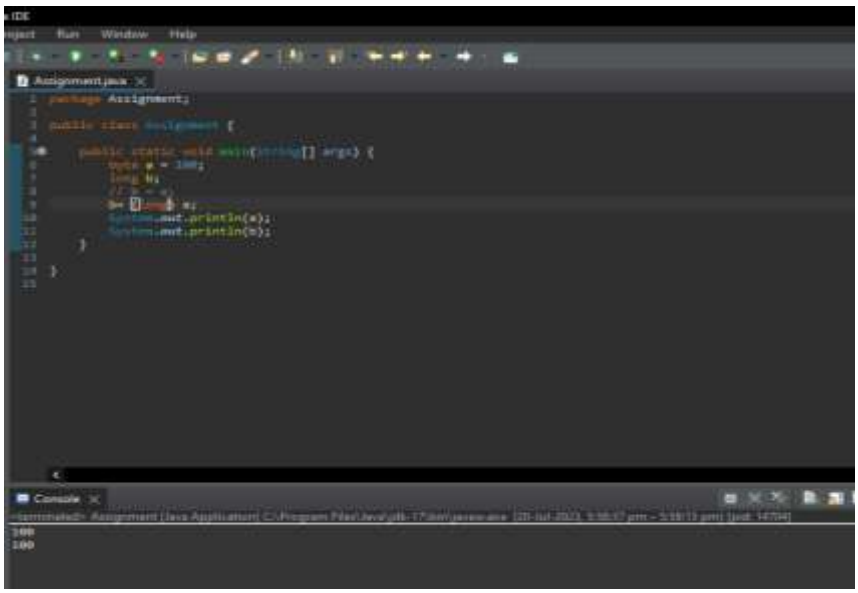
It is Explicit Type casting

11] Converting the Data of byte data type to int data type:



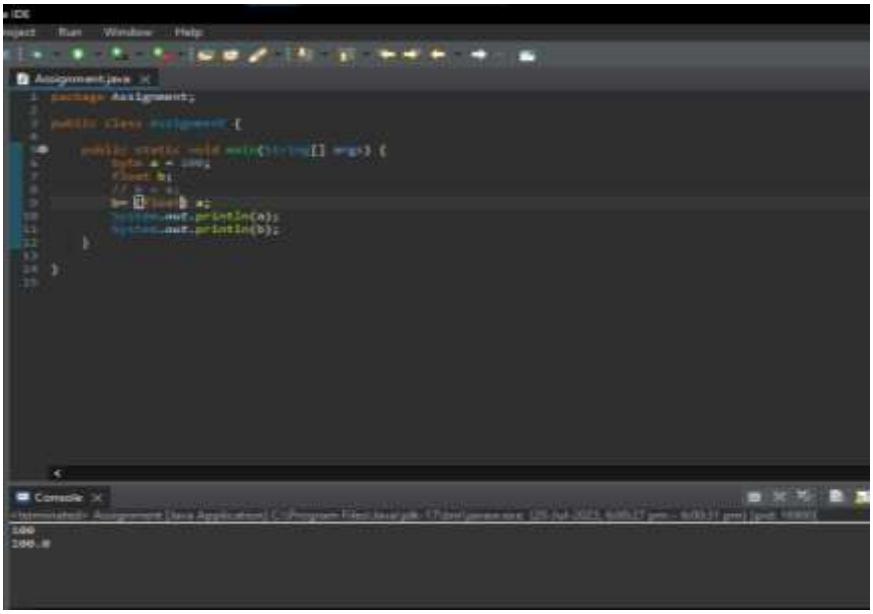
It is Explicit Type casting

12] Converting the Data of byte data type to long data type:



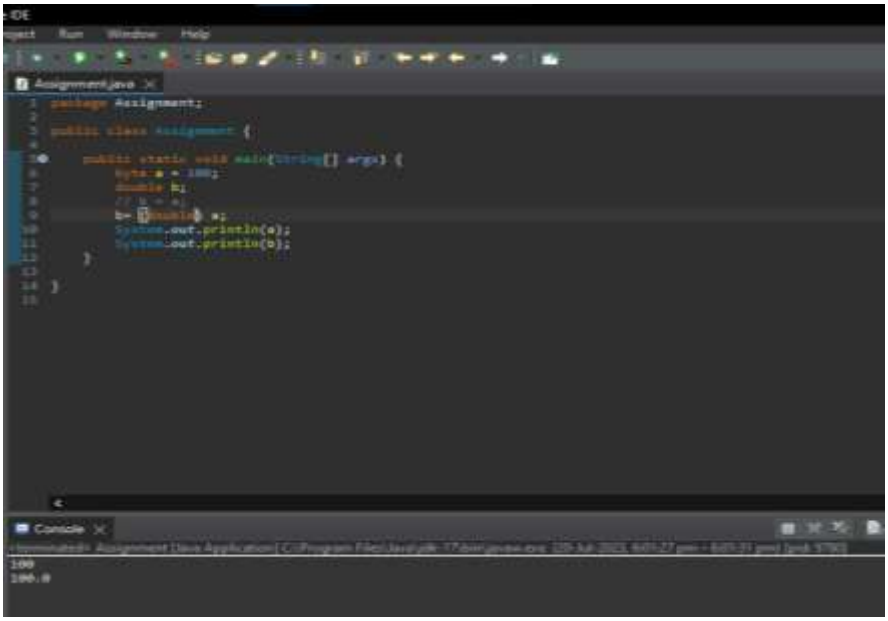
It is Explicit Type casting

13] Converting the Data of byte data type to float data type:



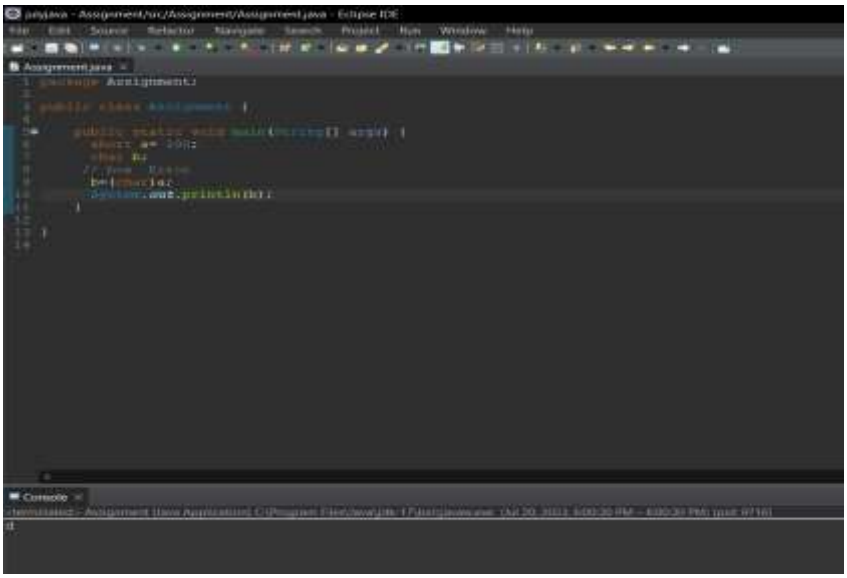
It is Explicit Type casting

14] Converting the Data of byte data type to double data type:



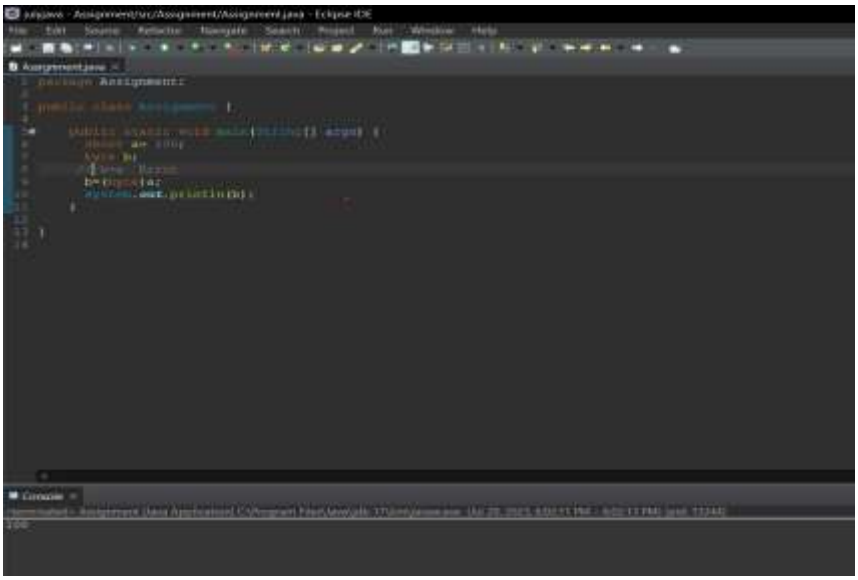
It is Explicit Type casting

15] Converting the Data of short data type to char data type:



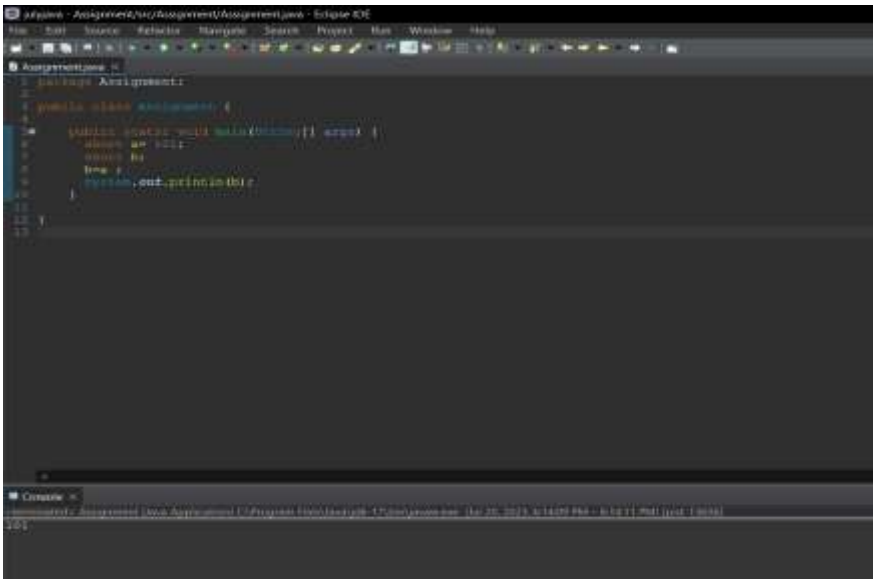
It is Explicit Type casting

16]Converting the Data of short data type to byte data type:



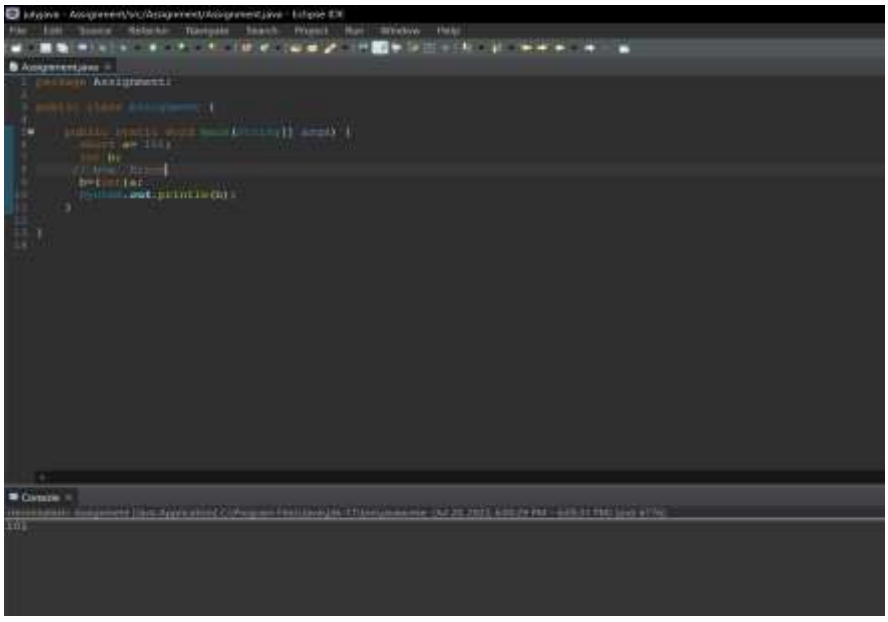
It is Explicit Type casting

17] Converting the Data of short data type to short data type:



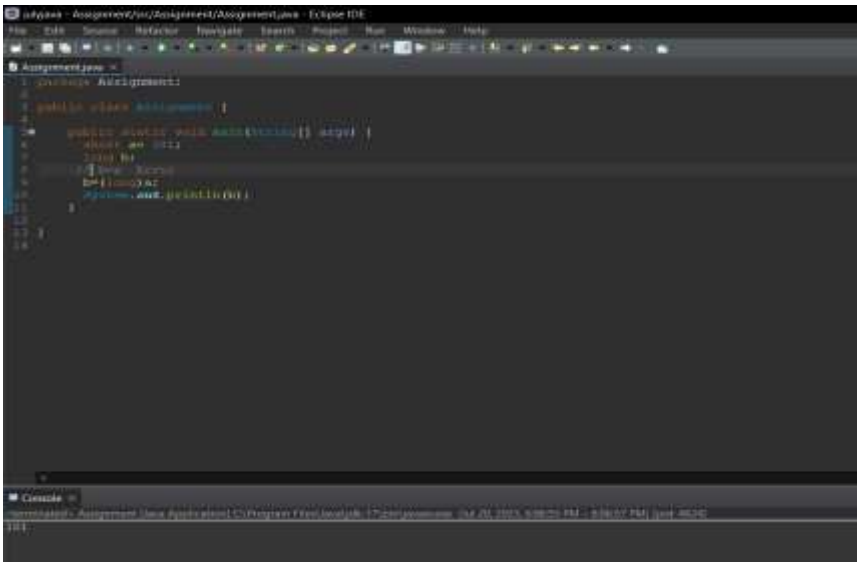
It is Implicit Type casting

18] Converting the Data of short data type to int data type:



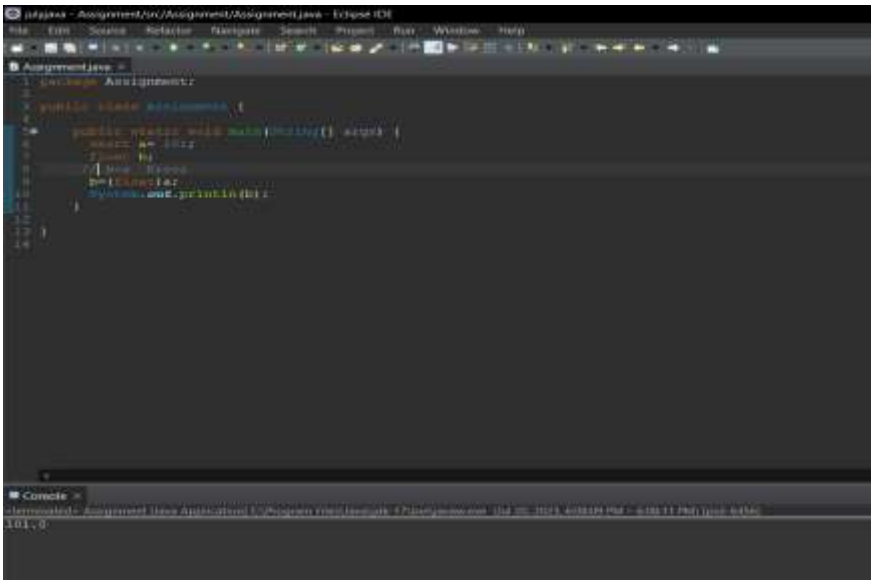
It is Explicit Type casting

19] Converting the Data of short data type to long data type:



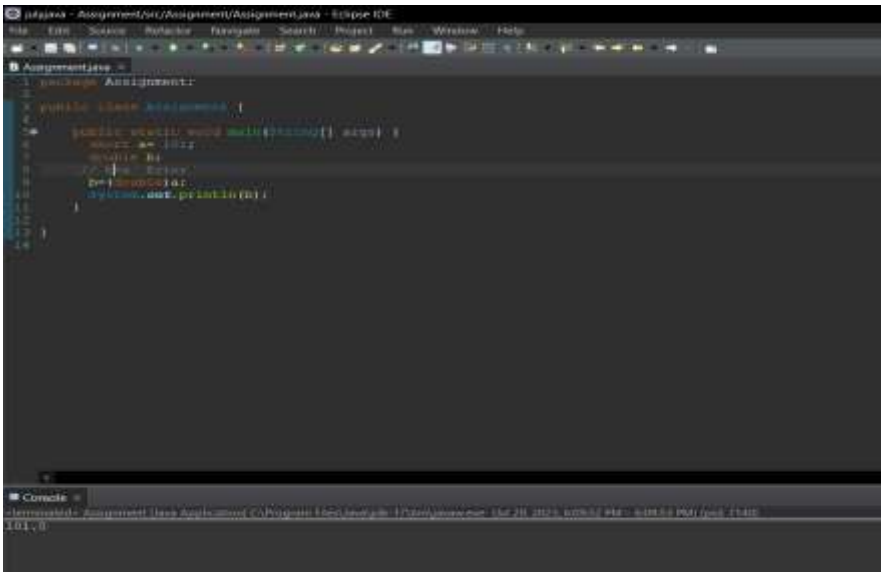
It is Explicit Type casting

20] Converting the Data of short data type to float data type:



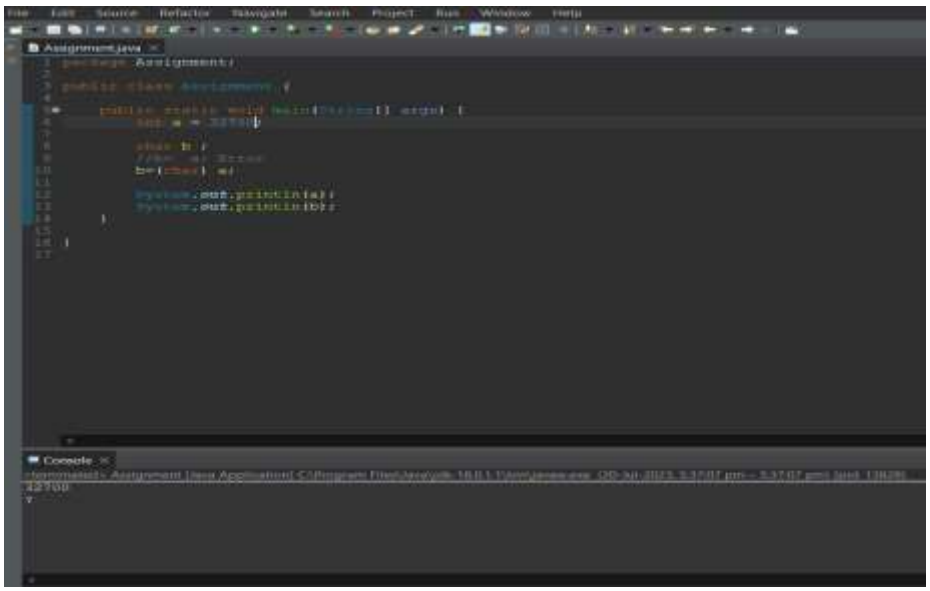
It is Explicit Type casting

21] Converting the Data of short data type to double data type:



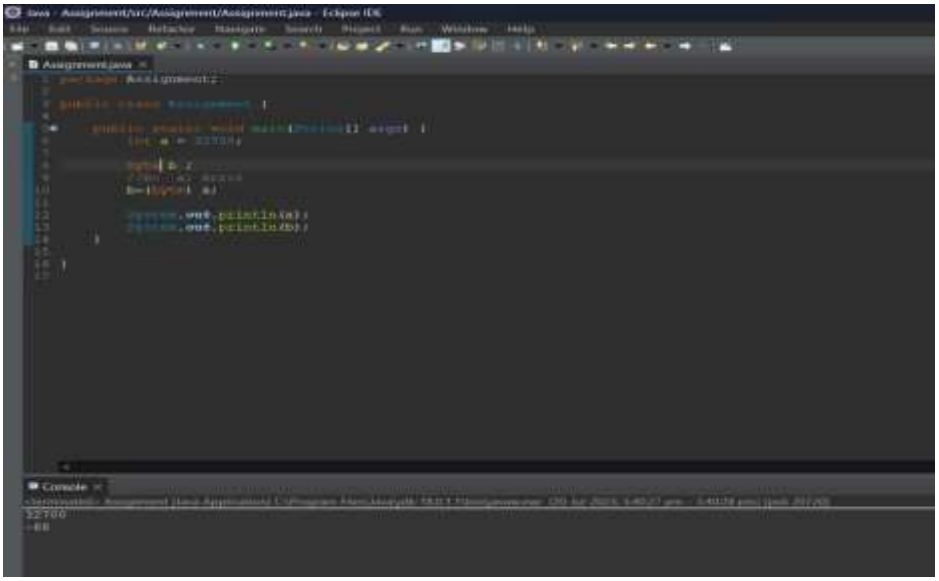
It is Implicit Type casting

22] Converting the Data of int data type to char data type:



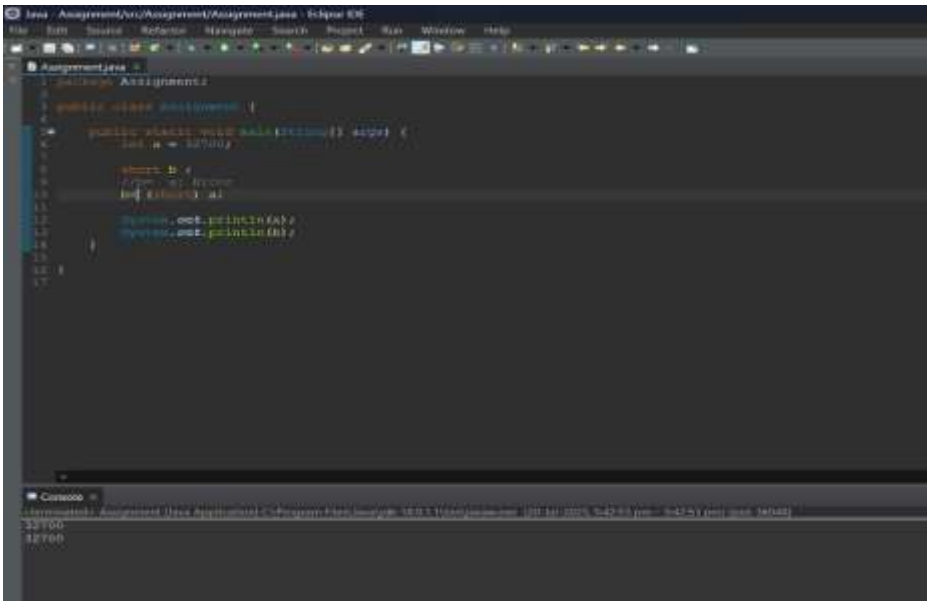
It is Explicit Type casting

23] Converting the Data of int data type to byte data type:



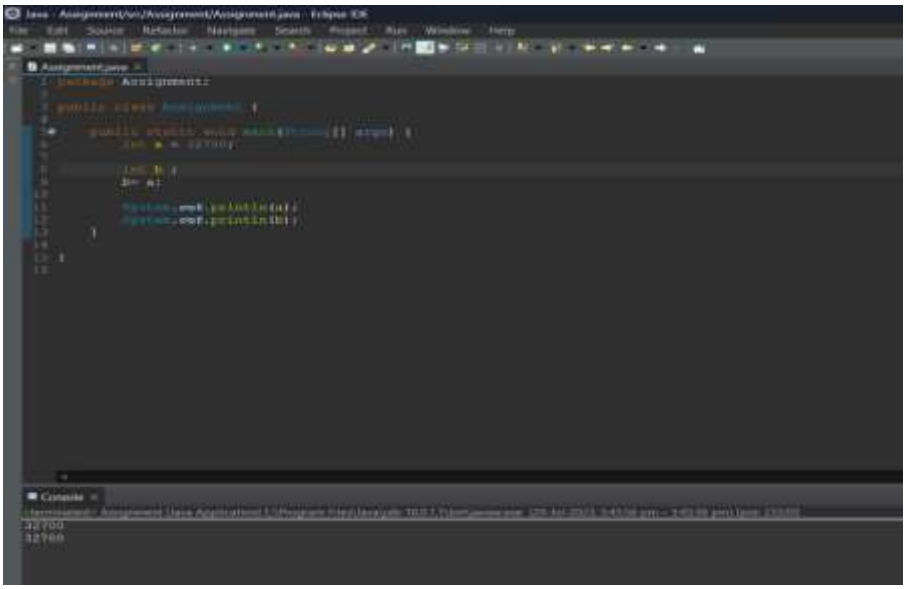
It is Explicit Type casting

24] Converting the Data of int data type to short data type:



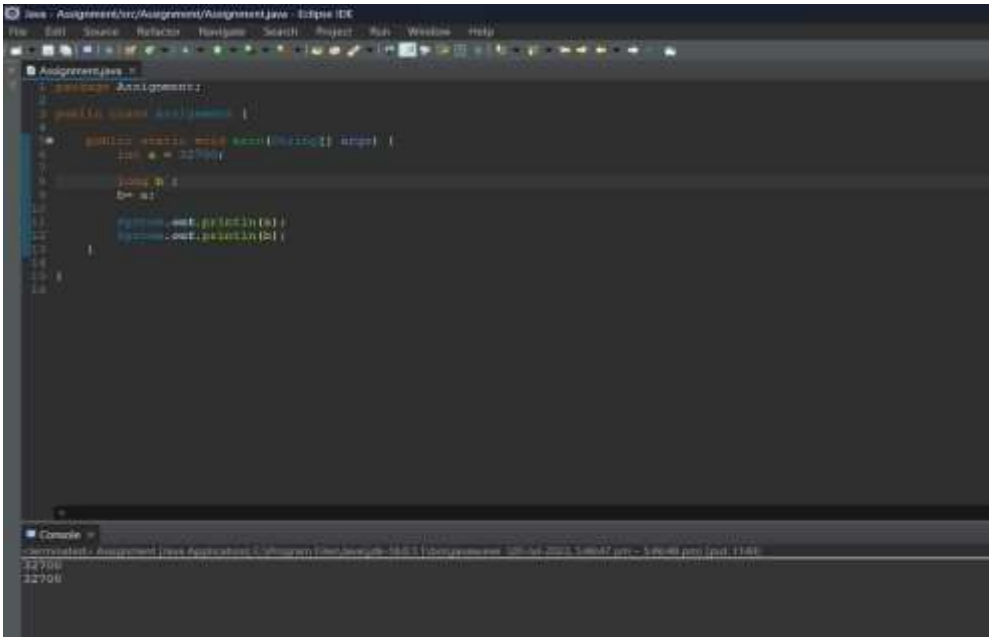
It is Explicit Type casting

25] Converting the Data of int data type to int data type:



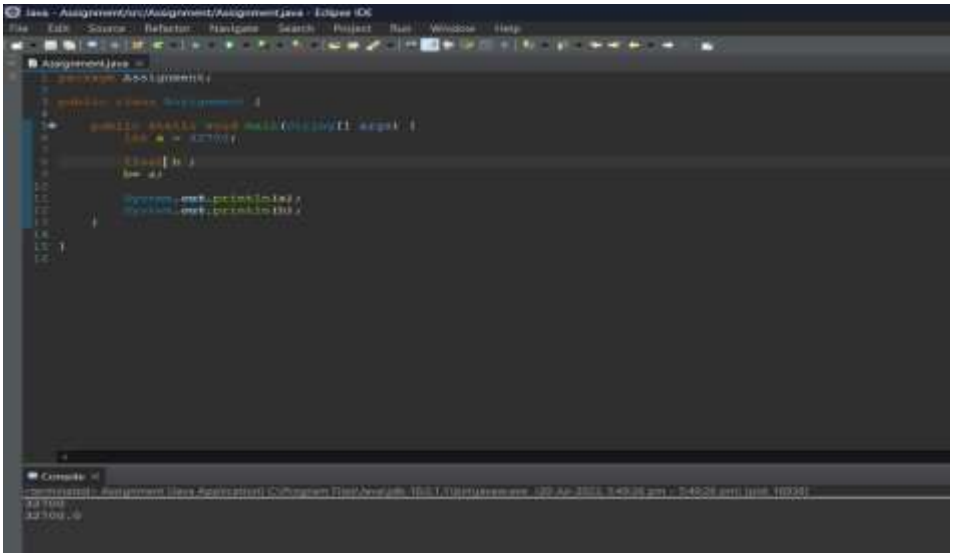
It is Implicit Type casting

26] Converting the Data of int data type to long data type:



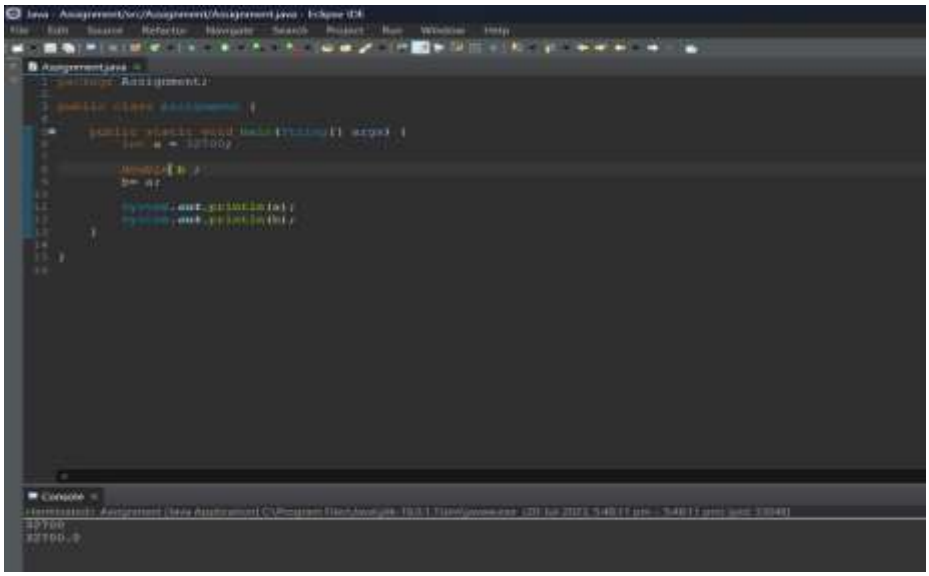
It is Implicit Type casting

27] Converting the Data of int data type to float data type:



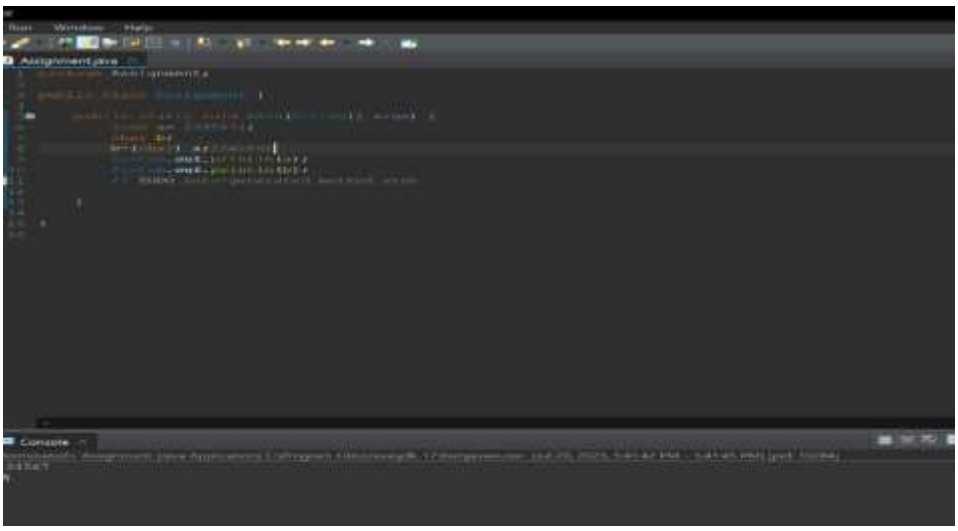
It is Implicit Type casting

28] Converting the Data of int data type to double data type:



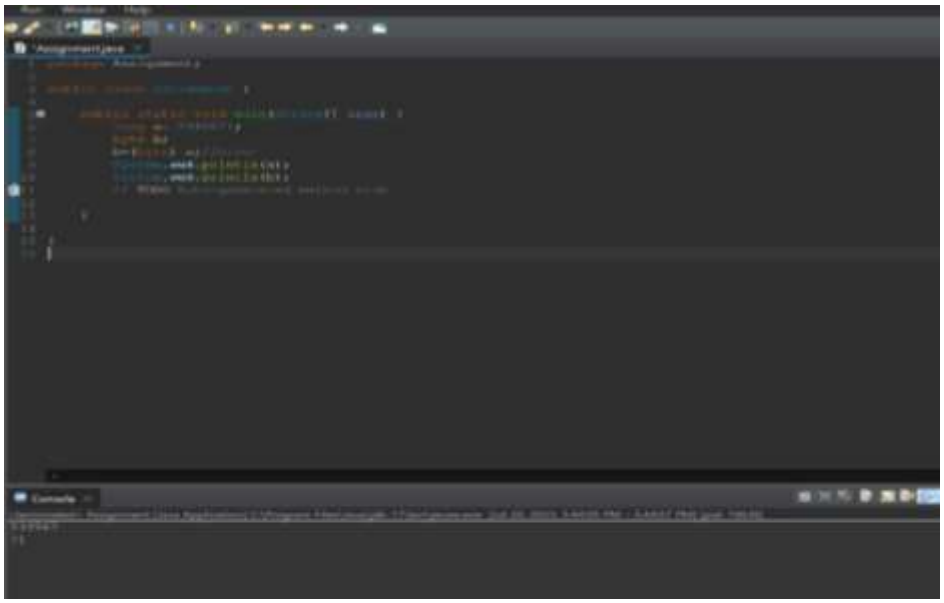
It is Implicit Type casting

29] Converting the Data of long data type to char data type:



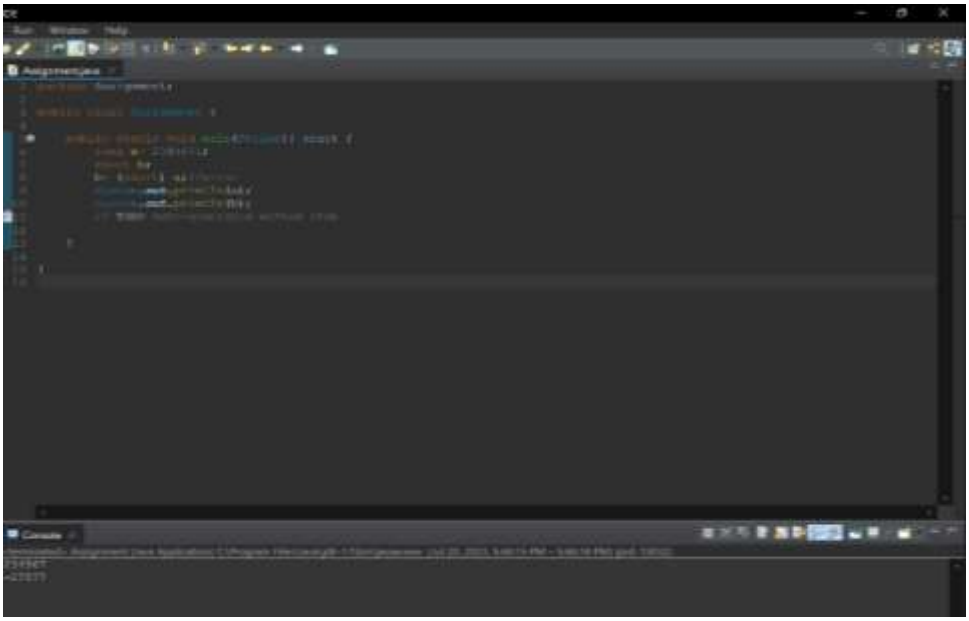
It is Explicit Type casting

30] Converting the Data of long data type to byte data type:



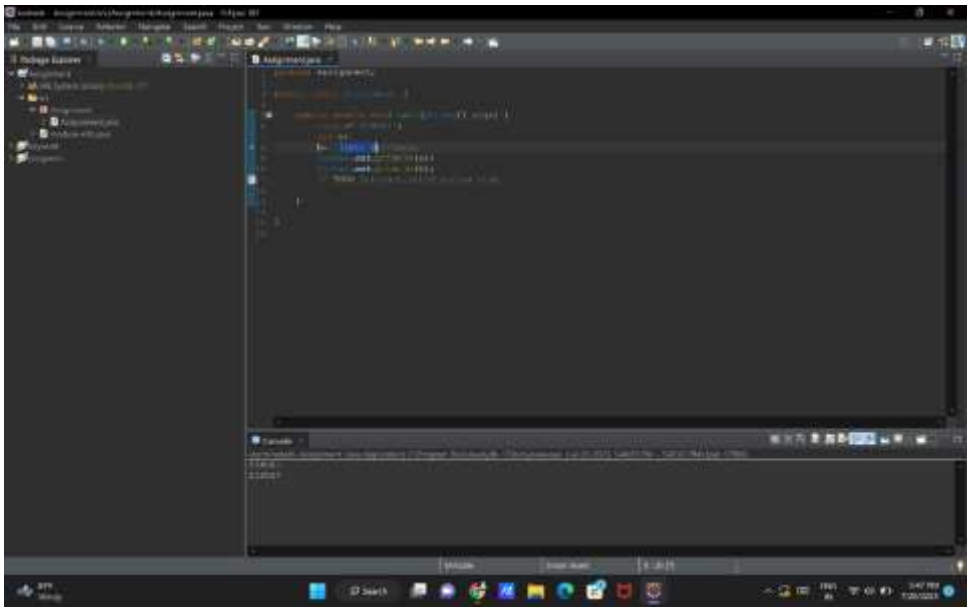
It is Explicit Type casting

31] Converting the Data of long data type to short data type:



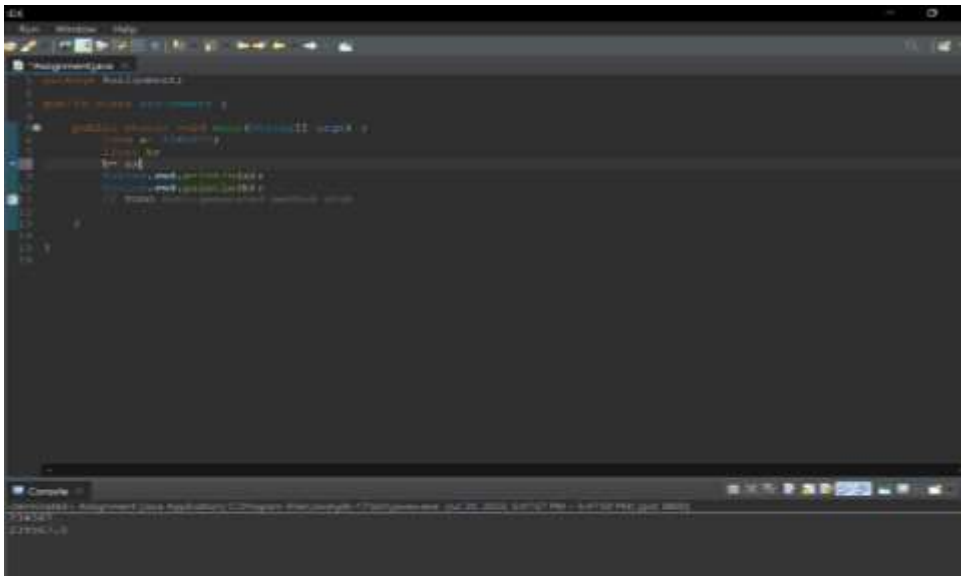
It is Explicit Type casting

32] Converting the Data of long data type to int data type:



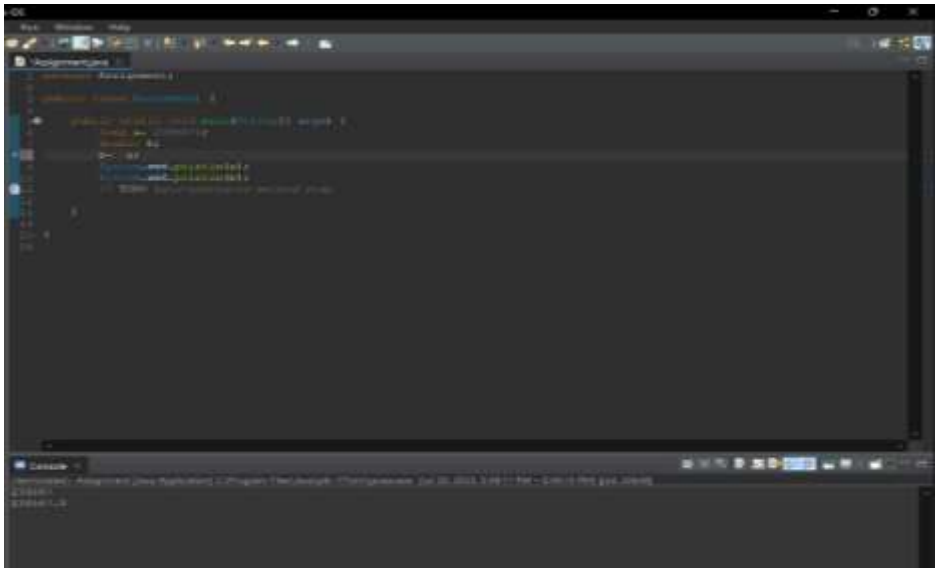
It is Explicit Type casting

33] Converting the Data of long data type to long data type:



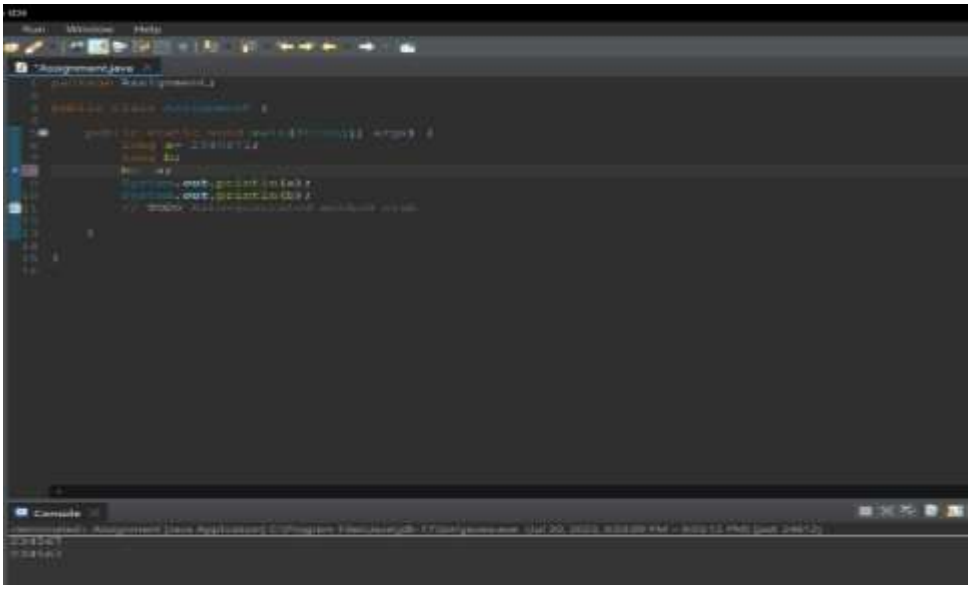
It is Implicit Type casting

34] Converting the Data of long data type to float data type:



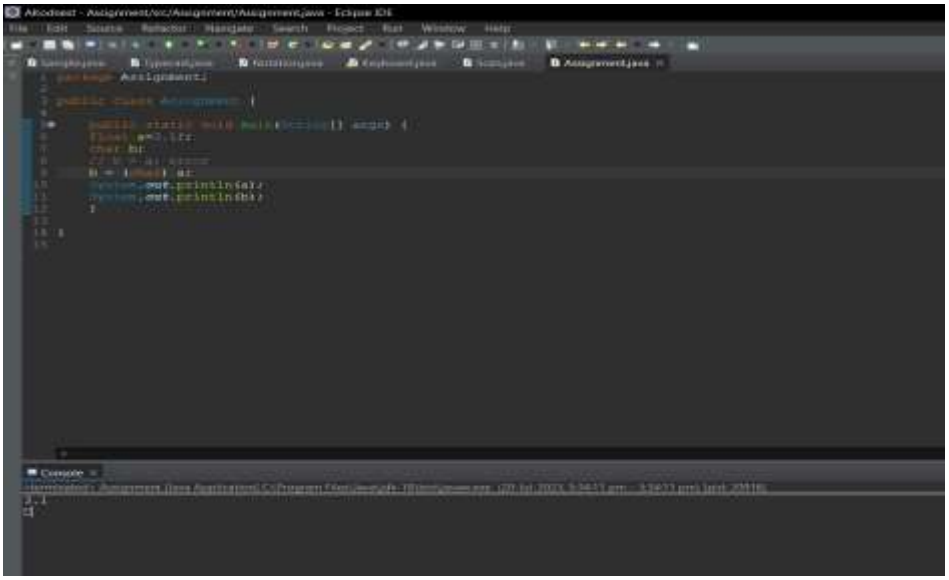
It is Implicit Type casting

35] Converting the Data of long data type to double data type:



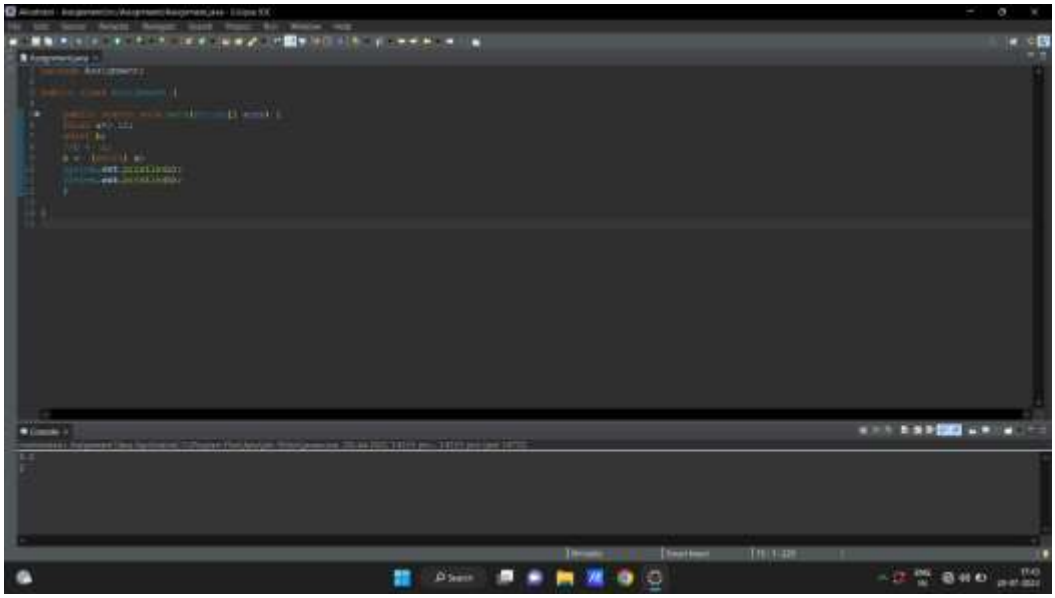
It is Implicit Type casting

36] Converting the Data of float data type to char data type:



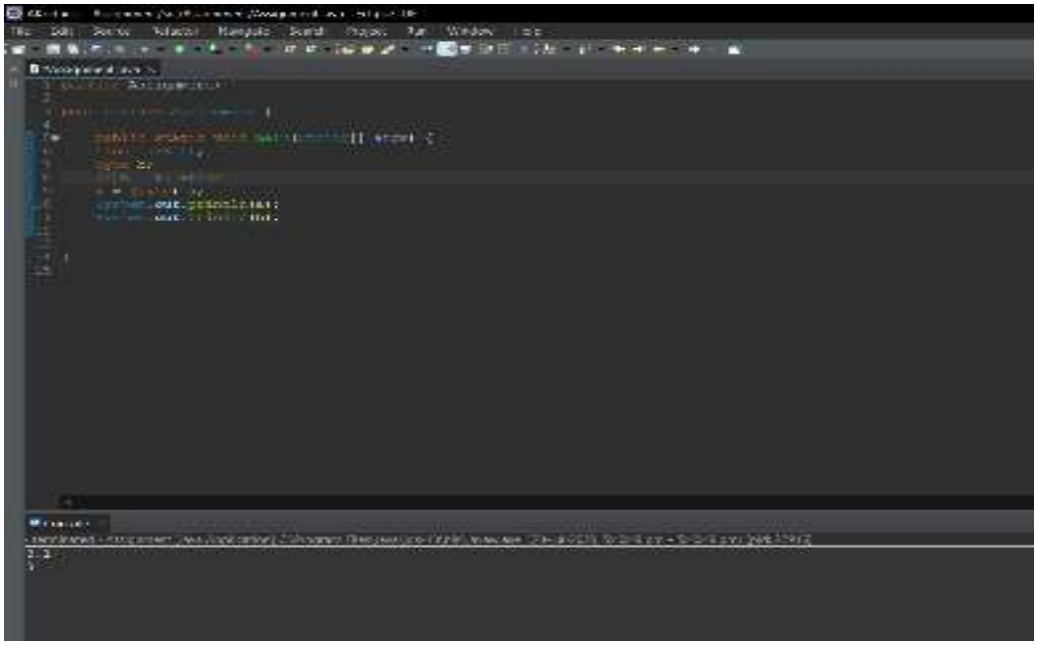
It is Explicit Type casting

37] Converting the Data of float data type to byte data type:



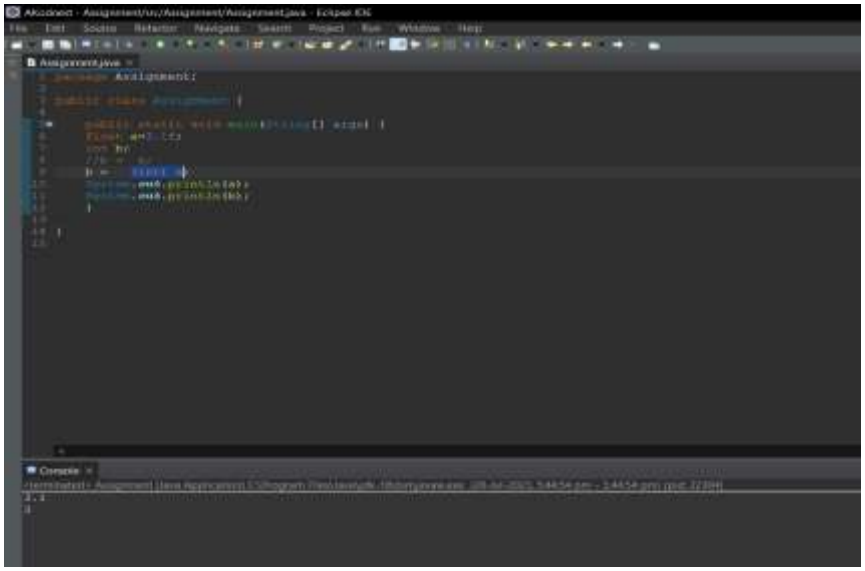
It is Explicit Type casting

38] Converting the Data of float data type to short data type:



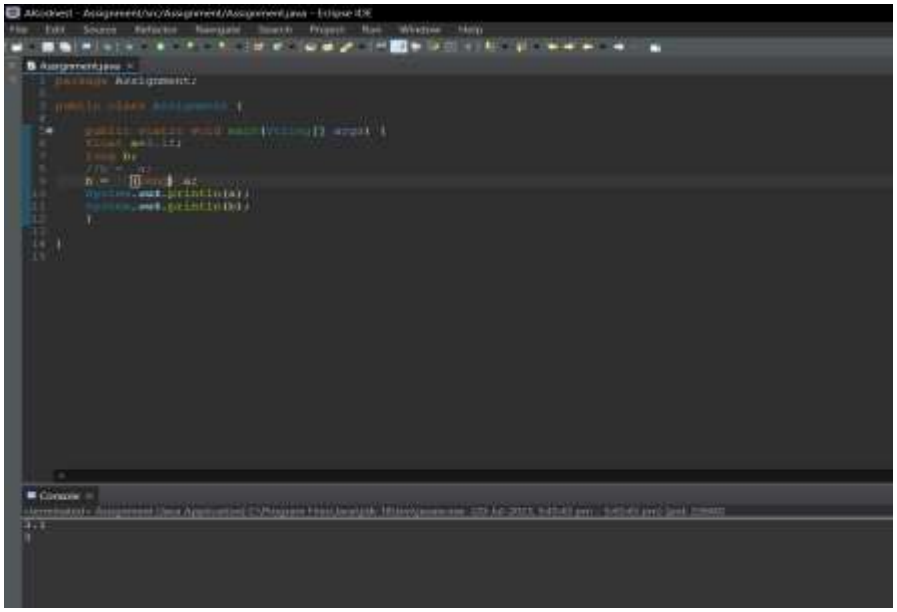
It is Explicit Type casting

39] Converting the Data of float data type to int data type:



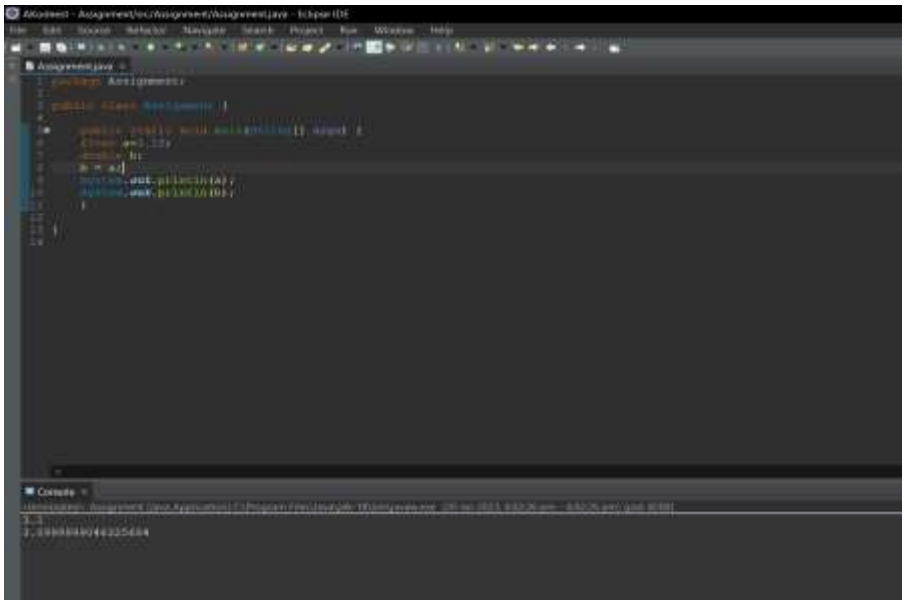
It is Explicit Type casting

40] Converting the Data of float data type to long data type:



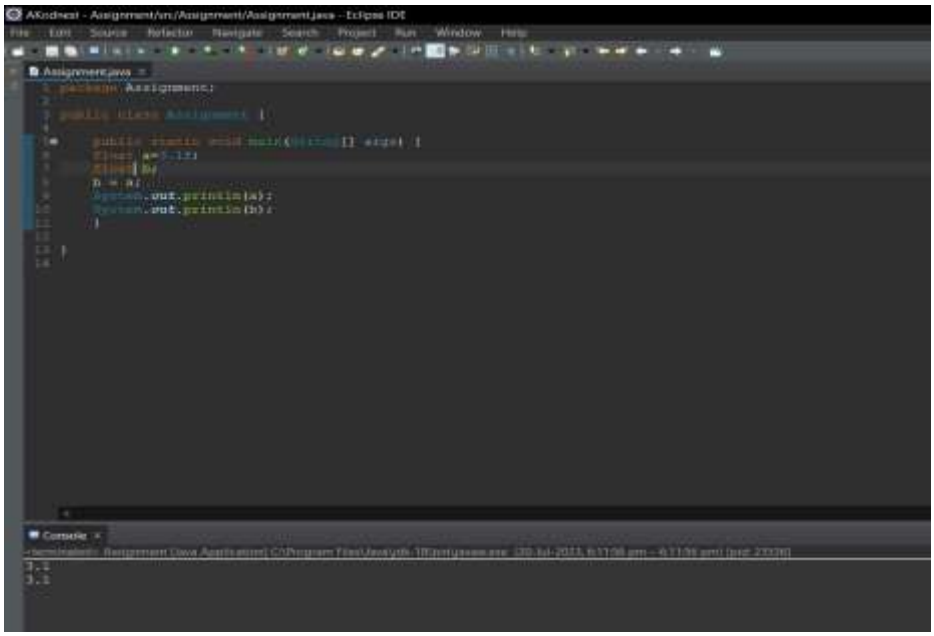
It is Explicit Type casting

41]Converting the Data of float data type to double data type:



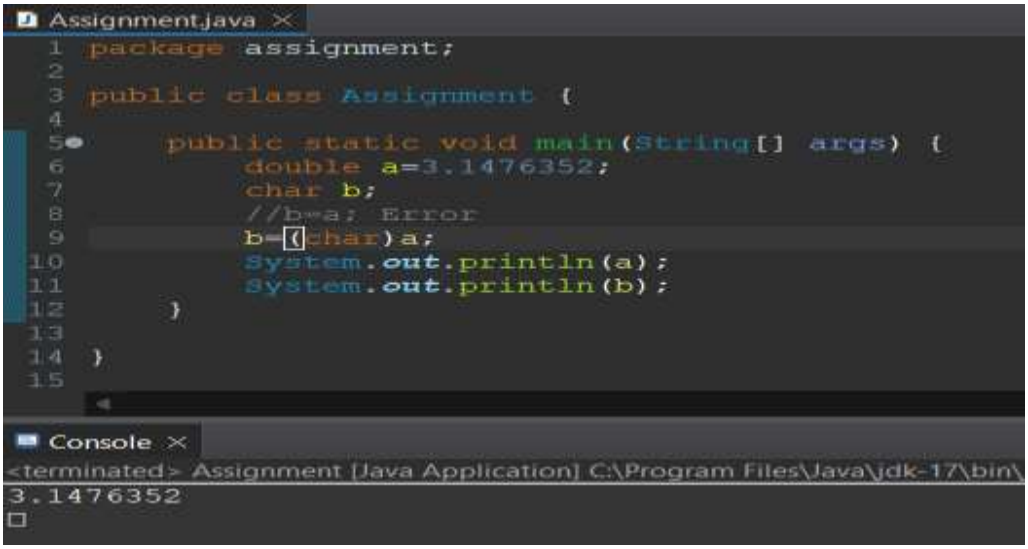
It is Implicit Type casting

42] Converting the Data of float data type to float data type:



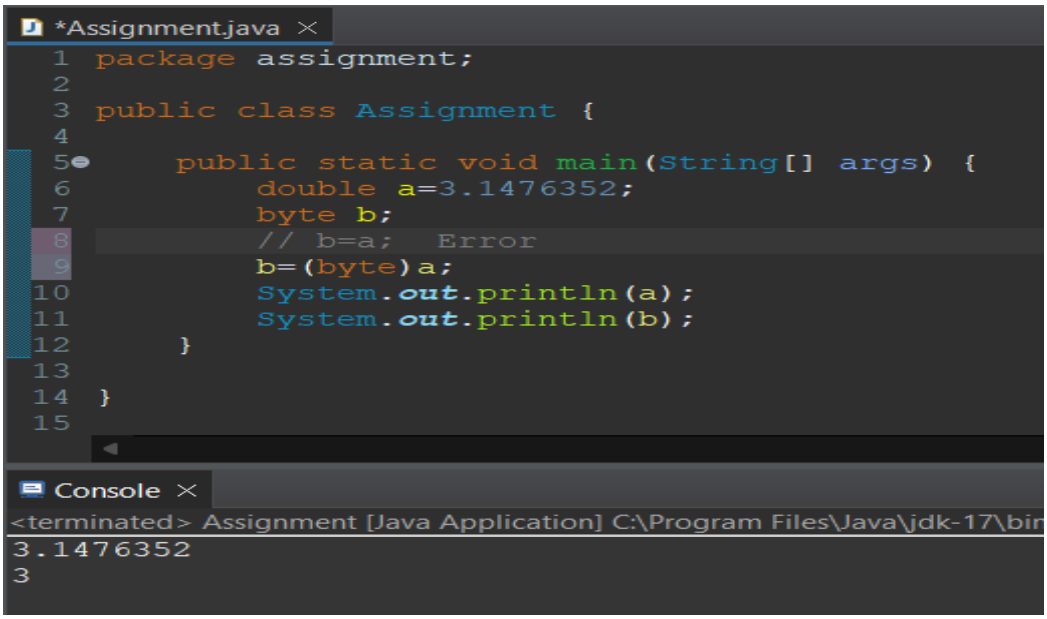
It is Implicit Type casting

43] Converting the Data of double data type to char data type:



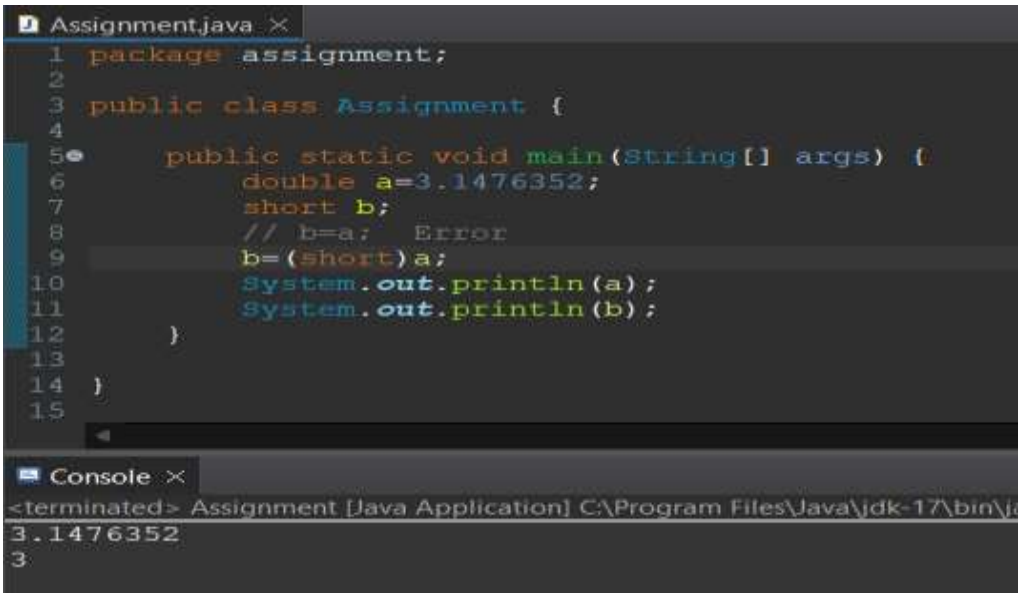
It is Explicit Type casting

44] Converting the Data of double data type to byte data type:



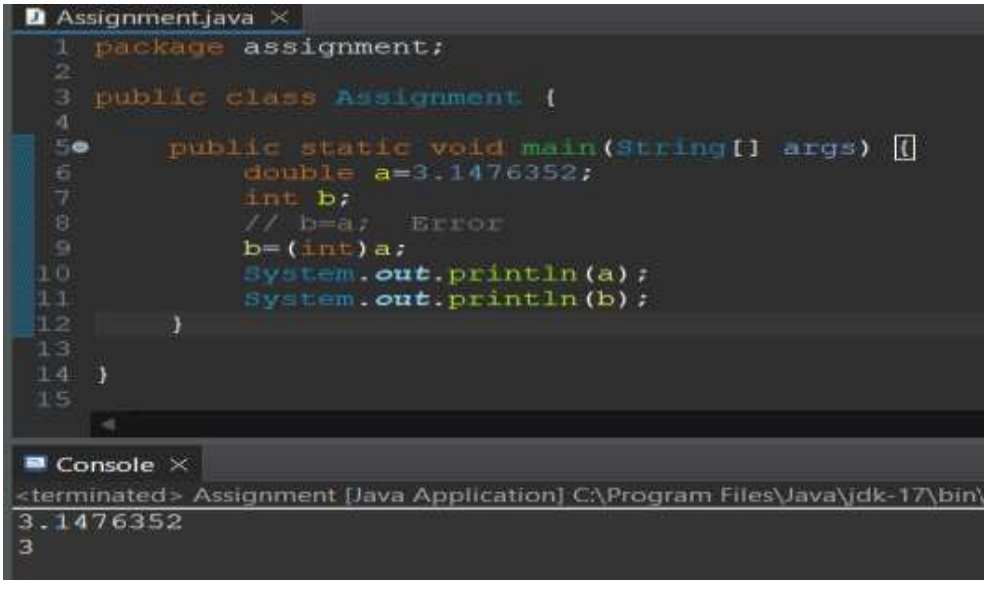
The code will compile and run without errors, but the byte variable b will store the truncated value of the double variable a, and the output will display the original double value a and the truncated byte value b.

45] Converting the Data of double data type to short data type:



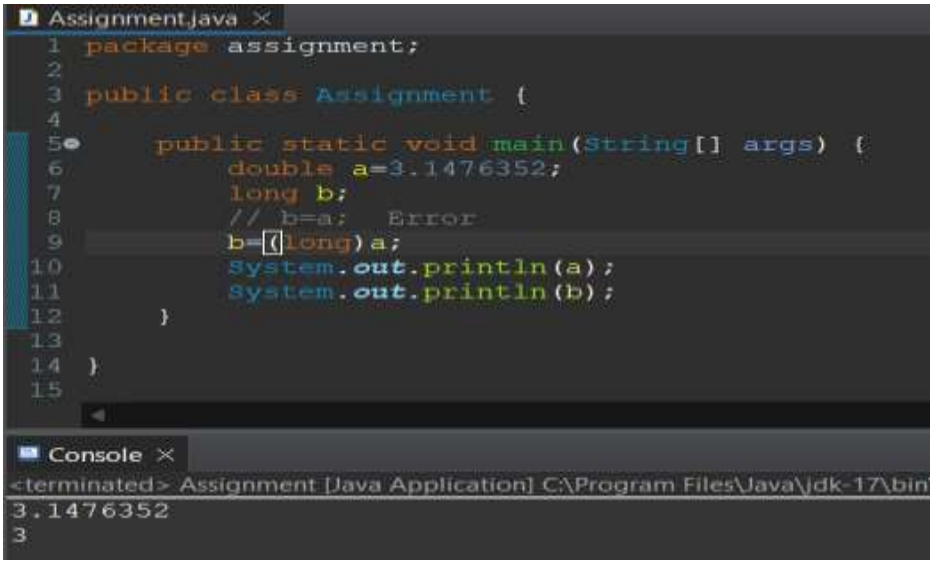
The code attempts to assign a double variable a to a short variable b, but since it is not possible without explicit casting, the value of a is truncated and stored in b, resulting in the loss of the decimal part of the number and potential data loss due to the range limitation of the short data type

46] Converting the Data of double data type to int data type:



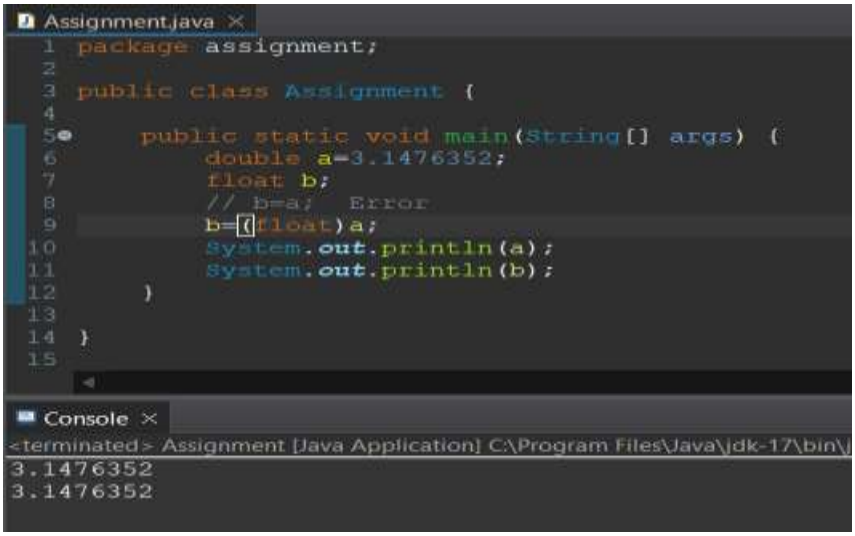
The code attempts to assign a double variable a to an int variable b, but since it is not possible without explicit casting, the value of a is truncated and stored in b, resulting in the loss of the decimal part of the number.

47] Converting the Data of double data type to long data type:



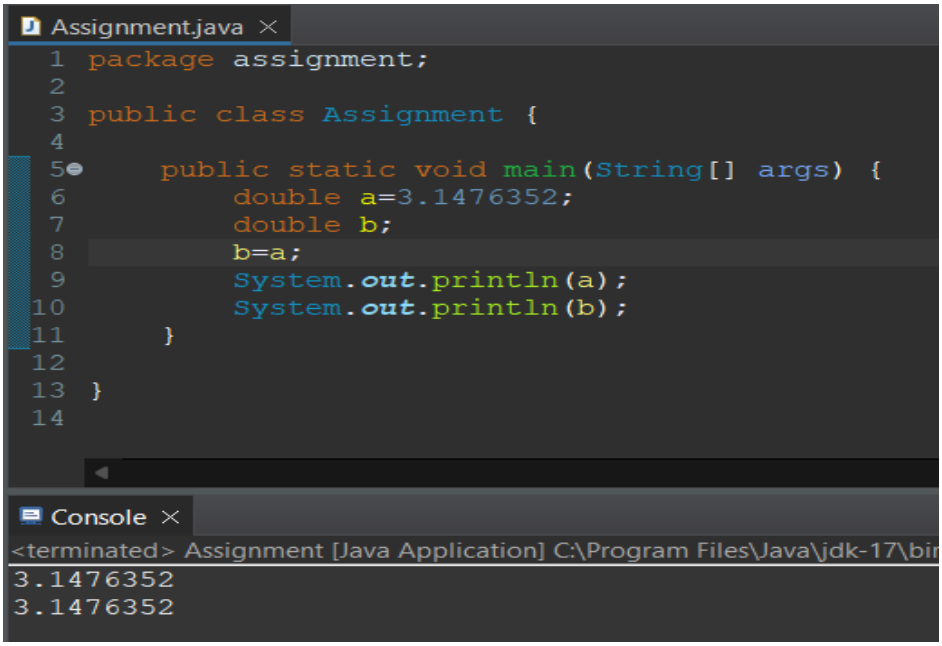
The code truncates the decimal part of the double variable a and stores the result in a long variable b, resulting in the loss of the decimal part of the number.

48] Converting the Data of double data type to float data type:



The code attempts to assign a double variable a to an int variable b, but since it is not possible without explicit casting, the value of a is truncated and stored in b, resulting in the loss of the decimal part of the number.

49] Converting the Data of double data type to double data type:



The conclusion of the given code is that the value of variable 'a' (3.1476352) is assigned to variable 'b', and both values are printed to the console.

	char	byte	short	int	long	float	double	boolean
char	NCR	✓	✓	✓	✓	✓	✓	×
byte	✓ EC	NCR	✓	✓	✓	✓	✓	×
short	✓ EC	✓ EC	NCR	✓	✓	✓	✓	×
int	✓ EC	✓ EC	✓ EC	NCR	✓	✓	✓	×
long	✓ EC	✓ EC	✓ EC	✓ EC	NCR	✓	✓	×
float	✓ EC	✓ EC	✓ EC	✓ EC	✓ EC	NCR	✓	×
double	✓ EC	✓ EC	✓ EC	✓ EC	✓ EC	✓ EC	NCR	×
boolean	×	×	×	×	×	×	×	NCR

TYPE CONVERSION GRAPH:

Byte –> Short –> Int –> Long – > Float –> Double

Widening or Automatic Conversion

Double –> Float –> Long –> Int –> Short –> Byte

Narrowing or Explicit Conversion