

Problem 1: writing a program in java to implement implicit and explicit type casting

```
package type typeca;

public class TypeCa {

    public static void main(String[] args) {

        System.out.println("Implicit casting");

        char c='s';

        System.out.println("char:"+c);

        int i=c;

        System.out.println("integer:"+i);

        long l=c;

        System.out.println("long:"+l);

        float f=c;

        System.out.println("float:"+f);

        double d=c;

        System.out.println("double:"+d);

        System.out.println("Explicit casting");

        double a=5.0;

        int t=(int)a;

        System.out.println(t);

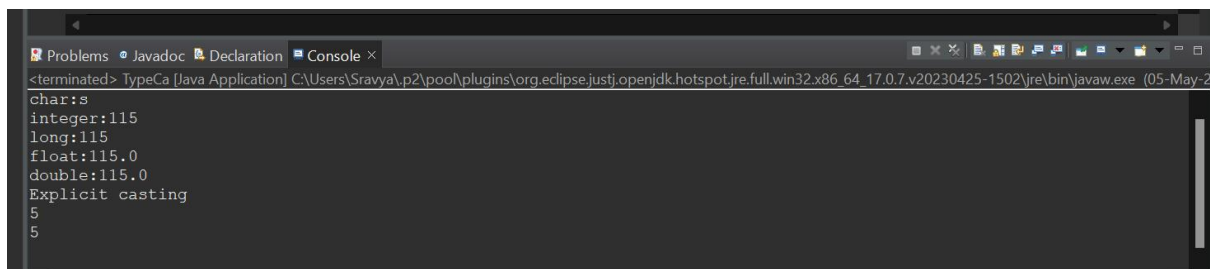
        long n=(long)a;

        System.out.println(n);

    }

}
```

Output:



```
<terminated> TypeCa [Java Application] C:\Users\Sravya\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\javaw.exe (05-May-2023)
char:s
integer:115
long:115
float:115.0
double:115.0
Explicit casting
5
5
```