**package** typecasting;

**public** **class** Typecasting {

**public** **static** **void** main (String [] args) {

//implicit typecasting: converting smaller to larger data type

System.***out***.println("Implicit Type Casting");

**char** a='S';

System.***out***.println("Value of a: "+a);

**int** b=a;

System.***out***.println("Value of b: "+b);

**float** c=a;

System.***out***.println("Value of c: "+c);

**long** d=a;

System.***out***.println("Value of d: "+d);

**double** e=a;

System.***out***.println("Value of e: "+e);

System.***out***.println("\n");

//explicit typecasting: converting large to small data type

System.***out***.println("Explicit Type Casting");

**double** x=45.5;

**int** y=(**int**)x;

System.***out***.println("Value of x: "+x);

System.***out***.println("Value of y: "+y);

}

}

