Write a program in Java to perform implicit and explicit type casting

 Program:

**package** java\_assignment;

**public** **class** TypeCasting{

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

{

String si="123";

**int** n = Integer.*parseInt*(si);

System.***out***.println("Conversion of String to int: "+n);

String sf="12.3";

**float** f=Float.*parseFloat*(sf);

System.***out***.println("Conversion of String to Float: "+f);

String sl="13824234324";

**long** l=Long.*parseLong*(sl);

System.***out***.println("Conversion of String to Long: "+l);

String sd="138.0988";

**double** d=Double.*parseDouble*(sd);

System.***out***.println("Conversion of String to Double: "+d);

String sb="Pavan";

String sb1="FALSE";

Boolean b1=Boolean.*valueOf*(sb);

Boolean b2=Boolean.*valueOf*(sb1);

System.***out***.println("Conversion of String to Boolean: "+b1);

System.***out***.println("Conversion of String to Boolean: "+b2);

String by="101";

**byte** b=Byte.*parseByte*(by);

System.***out***.println("Convertion of String to Byte: "+b);

**char** ch = sb.charAt(4);

System.***out***.println("Convertion of String to Character: "+ch);

**double** x=45.5;

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

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

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

}

}

OUTPUT:

Conversion of String to int: 123

Conversion of String to Float: 12.3

Conversion of String to Long: 13824234324

Conversion of String to Double: 138.0988

Conversion of String to Boolean: false

Conversion of String to Boolean: false

Convertion of String to Byte: 101

Convertion of String to Character: n

Value of x: 45.5

Value of y: 45