**1.writing a program to implement implicit and explicit type casting?**

**Program:**

**package** practise;

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

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

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

**char** a='A';

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

**int** b=a;

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

**float** c=a;

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

**long** d=a;

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

**double** e=a;

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

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

System.***out***.println("explicit type casting");

**double** x=20.5;

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

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

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

}

}

Output:

Implicit type casting

character of a is :A

integer of b is :65

float of c is:65.0

long of d is:65

double of e is:65.0

explicit type casting

Value of x: 20.5

Value of y: 20