Source Code:

```java
import java.util.Scanner;
public class TypeCasting{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        // Implicit type casting
        System.out.print("Enter an integer: ");
        int numInt = sc.nextInt();
        double numDouble = numInt;
        System.out.println("Implicit type casting: " + numInt + " (int) -> " + numDouble + " (double)");

        System.out.println("Enter a character : ");
        char b = sc.next().charAt(0);
        double c1 = (double) b;
        System.out.println("Double value of the given integer : "+c1);
        // Explicit type casting
        System.out.print("Enter a double: ");
        double num1 = sc.nextDouble();
        int num2 = (int) num1;
        System.out.println("Explicit type casting: " + num1 + " (double) -> " + num2 + " (int)");

        System.out.println("Enter a value : ");
        int a = sc.nextInt();
        char c = (char) a;
        System.out.println("Character value of the given integer : "+c);
    }
}
```
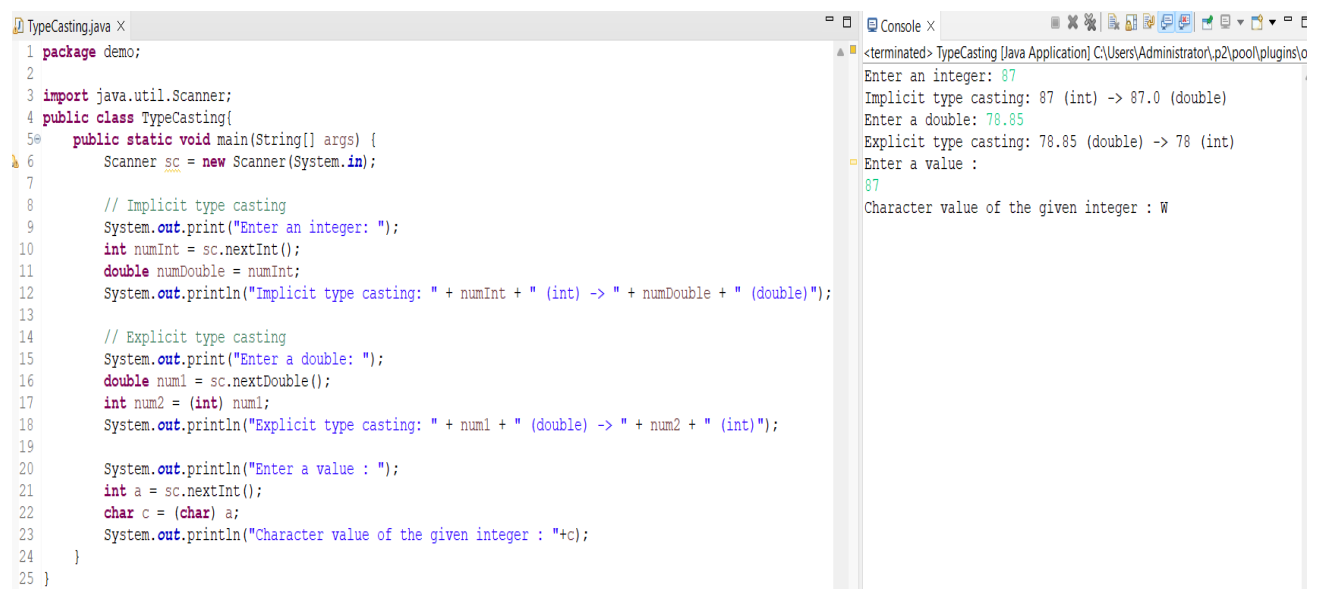
Outputs:

TypeCasting.java

```java
1 package demo;
2
3 import java.util.Scanner;
4 public class TypeCasting{
5⊝    public static void main(String[] args) {
6        Scanner sc = new Scanner(System.in);
7
8        // Implicit type casting
9        System.out.print("Enter an integer: ");
10       int numInt = sc.nextInt();
11       double numDouble = numInt;
12       System.out.println("Implicit type casting: " + numInt + " (int) -> " + numDouble + " (double)");
13
14       // Explicit type casting
15       System.out.print("Enter a double: ");
16       double num1 = sc.nextDouble();
17       int num2 = (int) num1;
18       System.out.println("Explicit type casting: " + num1 + " (double) -> " + num2 + " (int)");
19
20       System.out.println("Enter a value : ");
21       int a = sc.nextInt();
22       char c = (char) a;
23       System.out.println("Character value of the given integer : "+c);
24   }
25 }
```

Console X

<terminated> TypeCasting [Java Application] C:\Users\Administrator\.p2\pool\plugins\o

```
Enter an integer: 87
Implicit type casting: 87 (int) -> 87.0 (double)
Enter a double: 78.85
Explicit type casting: 78.85 (double) -> 78 (int)
Enter a value :
87
Character value of the given integer : W
```

TypeCasting.java (1)

```java
package demo;

import java.util.Scanner;
public class TypeCasting{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        // Implicit type casting
        System.out.print("Enter an integer: ");
        int numInt = sc.nextInt();
        double numDouble = numInt;
        System.out.println("Implicit type casting: " + numInt + " (int) -> " + numDouble + " (double)");

        // Explicit type casting
        System.out.print("Enter a double: ");
        double num1 = sc.nextDouble();
        int num2 = (int) num1;
        System.out.println("Explicit type casting: " + num1 + " (double) -> " + num2 + " (int)");

        System.out.println("Enter a value : ");
        int a = sc.nextInt();
        char c = (char) a;
        System.out.println("Character value of the given integer : "+c);
    }
}
```

Console:
```
<terminated> TypeCasting [Java Application] C:\Users\Administrator\.p2\pool
Enter an integer: 57
Implicit type casting: 57 (int) -> 57.0 (double)
Enter a double: 18.567
Explicit type casting: 18.567 (double) -> 18 (int)
Enter a value :
118
Character value of the given integer : v
```

TypeCasting.java (2)

```java
package demo;

import java.util.Scanner;
public class TypeCasting{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        // Implicit type casting
        System.out.print("Enter an integer: ");
        int numInt = sc.nextInt();
        double numDouble = numInt;
        System.out.println("Implicit type casting: " + numInt + " (int) -> " + numDouble + " (double)");

        System.out.println("Enter a character : ");
        char b = sc.next().charAt(0);
        double c1 = (double) b;
        System.out.println("Double value of the given integer : "+c1);
        // Explicit type casting
        System.out.print("Enter a double: ");
        double num1 = sc.nextDouble();
        int num2 = (int) num1;
        System.out.println("Explicit type casting: " + num1 + " (double) -> " + num2 + " (int)");

        System.out.println("Enter a value : ");
        int a = sc.nextInt();
        char c = (char) a;
        System.out.println("Character value of the given integer : "+c);
    }
}
```

Console:
```
<terminated> TypeCasting [Java Application] C:\Users\Administrator\.p2\pool\plu
Enter an integer: 88
Implicit type casting: 88 (int) -> 88.0 (double)
Enter a character :
A
Double value of the given integer : 65.0
Enter a double: 87.68
Explicit type casting: 87.68 (double) -> 87 (int)
Enter a value :
100
Character value of the given integer : d
```

TypeCasting.java (3)

```java
package demo;

import java.util.Scanner;
public class TypeCasting{
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        // Implicit type casting
        System.out.print("Enter an integer: ");
        int numInt = sc.nextInt();
        double numDouble = numInt;
        System.out.println("Implicit type casting: " + numInt + " (int) -> " + numDouble + " (double)");

        System.out.println("Enter a character : ");
        char b = sc.next().charAt(0);
        double c1 = (double) b;
        System.out.println("Double value of the given integer : "+c1);
        // Explicit type casting
        System.out.print("Enter a double: ");
        double num1 = sc.nextDouble();
        int num2 = (int) num1;
        System.out.println("Explicit type casting: " + num1 + " (double) -> " + num2 + " (int)");

        System.out.println("Enter a value : ");
        int a = sc.nextInt();
        char c = (char) a;
        System.out.println("Character value of the given integer : "+c);
    }
}
```

Console:
```
<terminated> TypeCasting [Java Application] C:\Users\Administrator\.p2\pool\plug
Enter an integer: 87
Implicit type casting: 87 (int) -> 87.0 (double)
Enter a character :
y
Double value of the given integer : 121.0
Enter a double: 88.587
Explicit type casting: 88.587 (double) -> 88 (int)
Enter a value :
103
Character value of the given integer : g
```