

Run Debug Save Beauty

```
Main.java
8
9 public class Main
10 {
11     public static void main(String[] args) {
12         long a=65L;
13         byte b=(byte)a;
14         char c=(char)a;
15         short d=(short)a;
16         int e=(int)a;
17         float f=(float)a;
18         long g=(long)a;
19         System.out.println("*****long to other data types conversion *****");
20         System.out.println("given long value "+a);
21         System.out.println("long to byte "+b);
22         System.out.println("long to char "+c);
23         System.out.println("long to short "+d);
24         System.out.println("long to int "+e);
25         System.out.println("long to float "+f);
26         System.out.println("long to long "+g);
27     }
28 }
```

```
*****long to other data types conversion *****
given long value 65
long to byte 65
long to char A
long to short 65
long to int 65
long to float 65.0
long to long 65
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```

```

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

        short s=333;
        byte b=(byte)s;
        char c=(char)s;
        int i=(int)s;
        float f=(float)s;
        long l=(long)s;
        double d=(double)s;
        System.out.println("short to byte"+b);
        System.out.println("short to char"+c);
        System.out.println("short to int"+i);
        System.out.println("short to float"+f);
        System.out.println("short to long"+l);
        System.out.println("short to double"+d);
    }
}

```

```

short to byte77
short to char?short to int333
short to float333.0
short to long333
short to double333.0

```

```
public class main {  
    public static void main(String[] args) {  
  
        int i=117;  
        byte b=(byte)i;  
        char c=(char)i;  
        short s=(short)i;  
        float f=(float)i;  
        long l=(long)i;  
        double d=(double)i;  
        System.out.println("int to byte"+b);  
        System.out.println("int to char"+c);  
        System.out.println("int to short"+s);  
        System.out.println("int to float"+f);  
        System.out.println("int to long"+l);  
        System.out.println("int to double"+d);  
    }  
}
```

```
int to byte117  
int to charu  
int to short117  
int to float117.0  
int to long117  
int to double117.0
```

Run Debug Save Beauty

```
8
9 public class Main
10 {
11     public static void main(String[] args) {
12         long a=65L;
13         byte b=(byte)a;
14         char c=(char)a;
15         short d=(short)a;
16         int e=(int)a;
17         float f=(float)a;
18         long g=(long)a;
19         System.out.println("*****long to other data types conversion ***** ");
20         System.out.println("given long value "+a);
21         System.out.println("long to byte "+b);
22         System.out.println("long to char "+c);
23         System.out.println("long to short "+d);
24         System.out.println("long to int "+e);
25         System.out.println("long to float "+f);
26         System.out.println("long to long "+g);
27     }
```

input

```
*****long to other data types conversion *****
given long value 65
long to byte    65
long to char    A
long to short   65
long to int     65
long to float   65.0
long to long    65
```

```
...Program finished with exit code 0
Press ENTER to exit console.
```

Online

```
public class main {  
    public static void main(String[] args) {  
  
        byte b=89;  
        char c=(char)b;  
        short s=(short)b;  
        int i=(int)b;  
        float f=(float)b;  
        long l=(long)b;  
        double d=(double)b;  
        System.out.println("byte to char"+c);  
        System.out.println("byte to short"+s);  
        System.out.println("byte to int"+i);  
        System.out.println("byte to float"+f);  
        System.out.println("byte to long"+l);  
        System.out.println("byte to double"+d);  
    }  
}
```

byte to charY
byte to short89
byte to int89
byte to float89.0
byte to long89
byte to double89.0


```

8
9 public class Main
10 {
11     public static void main(String[] args) {
12         double a=143.4321;
13         byte b=(byte)a;
14         char c=(char)a;
15         short d=(short)a;
16         int e=(int)a;
17         float f=(float)a;
18         long g=(long)a;
19         System.out.println("double to byte    "+b);
20         System.out.println("double to char    "+c);
21         System.out.println("double to short "+d);
22         System.out.println("double to int    "+e);
23         System.out.println("double to float  "+f);
24         System.out.println("double to long   "+g);
25     }
26 }
27

```

input

```

double to byte    -113
double to char
double to short    143
double to int      143
double to float    143.4321
double to long     143

```

Online

```
public class main {  
    public static void main(String[] args) {  
  
        float f=117;  
        byte b=(byte)f;  
        char c=(char)f;  
        short s=(short)f;  
        int i=(int)f;  
        long l=(long)f;  
        double d=(double)f;  
  
        System.out.println("float to byte    "+b);  
        System.out.println("float to char    "+c);  
        System.out.println("float to short    "+s);  
        System.out.println("float to int    "+i);  
        System.out.println("float to long    "+l);  
        System.out.println("float to double    "+d);  
    }  
}
```

```
^ java -cp /tmp/1BDZ2f1cW1 main  
float to byte    117float to char    u  
float to short    117float to int    117  
float to long    117float to double    117.0
```